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PLANTS KNOWN FROM SURINAM,
TOGETHER WITH THEIR DISTRIBUTION
AND SYNONYMY

PULLE, AUGUST ADRIAAN, 1878-1955

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AN ENUMERATION OF THE VASCULAR PLANTS KNOWN FROM SURINAM, TOGETHER WITH THEIR DISTRIBUTION AND SYNONYMY

BY

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PREFACE.

The interest in the colony Surinam has of late years been constantly increasing

In 1900, owing to the support of the minister for colonial affairs at that time, J. F. Cremer, and the assistance of the governor of Surinam, W. Tonckens LL. D., two expeditions were almost simultaneously sent out, one of which investigated the course of the Nickerie river and the other explored the Coppenam river. Both expeditions contributed to our knowledge of the flora by collecting plants. The latter expedition was organised by the "Committee for the scientific investigation of Surinam" (Commissie tot wetenschappelijk onderzoek van Suriname), a committee formed by delegates of the "Royal Dutch geographical society" (Koninklijk Nederlandsch Aardrijkskundig genootschap), the "Society for promoting scientific investigation in the Dutch colonies" (Maatschappij tot bevordering van het natuurkundig onderzoek in de Nederlandsche koloniën) and the "Society for Surinam" (Vereeniging voor Suriname). This committee, presided by Jhr C. H. A. van der Wyck and subsidised by the government and the three afore-mentioned societies organised three other expeditions in the following three years.

The starting point for this enumeration was a collection of Prof. F. A. F. C. Went, collected in Surinam in 1901 and first worked out by the present writer. When the other expeditions considerably enlarged the material, it appeared desirable to the author to work out as much as possible all the collections from Surinam, the more so as he had the privilege of joining one of the expeditions mentioned as a botanist.

In the compiling and editing of this work the author was supported by various bodies. The already mentioned Committee for the scientific investigation of Surinam granted him a sum of money which enabled him to undertake journeys to Kew, Gottingen and Berlin, in order to compare his collections with those there.

For the publication of this work the author received a considerable grant from the Dutch government through the minister for colonial affairs, from the "Association for preserving the Old Students' Fund at Utrecht"

(Vereeniging tot instandhouding van het Oud-Studentenfonds te Utrecht) and from the "Provincial Utrecht Society of Art and Science" (Provinciaal Utrechtsch Genootschap voor kunsten en Wetenschap)

The author wishes to express his indebtedness to all these persons and bodies.

Most of all, however he has to thank Prof. F. A. F. C. Went, who took the initiative for publishing the work in its present shape and who moreover, as well by his personal advice, as by his influence with the above-mentioned societies, promoted more than any one else the publication of this Enumeration.

The kindest assistance was given to the author by the Director of the Royal Botanic Garden at Kew, Sir W. T. Thiselton Dyer, by the Director of the Kgl. Botanisches Museum at Berlin, Geheimrat Prof. Dr. A. Engler and by the Director of the Botanical Institute at Göttingen, Prof. Dr. A. Peter, who all enabled him to use their herbaria

Prof. Dr. F. Nienenzu at Braunsberg, Dr. O. E. Schulz at Berlin and Mr. T. A. Sprague at Kew were so kind as to determine respectively the Malpighiaceae, the Erythroxylaceae and part of the Bignoniaceae for the present writer who expresses his sincere thanks to these gentlemen.

Finally he has to thank his betrothed, Miss E. Kamerling, for compiling the index and his brother, Mr. R. J. C. Pulle, for his assistance in going through the proofs

It must be understood that the author does not claim completeness for this work. But he hopes that it will give some idea of the present state of our knowledge of the Surinamian flora and that it may lead to further attempts, as well in the mother country as in the colony itself, of increasing our knowledge of the botany of this interesting part of tropical South America.

HISTORY OF THE INVESTIGATION OF THE FLORA OF SURINAM

Although it appears from books of travel of colonists in Surinam in the seventeenth and eighteenth centuries that the luxuriance of the flora of Surinam greatly impressed all who visited the colony, yet no plants were conveyed to Europe by the Dutch of those days. The first collections that reached Europe seem to have been those of Dalberg and Rolander, the first a Swede who made important collections for Linnaeus, the second a Dane who travelled in Surinam about 1754 and whose journey was described by Hornemann in 1812. Probably it was Dalberg's collection which served in 1775 as the base for a doctor dissertation by one of Linnaeus' pupils, Jacobus Alm, the title being "*Plantae Surinamenses quas praeside D. D. Car. von Linné proposuit Jacobus Alm Uplandus*".¹⁾ In the preface of this paper it is only stated that through the liberality of Gustavus III Linnaeus succeeded in bringing together a sum of money for the collection of natural objects in Surinam and tropical America. That the collection was important may appear from the statement that a great part of the flowers and fruit were preserved in alcohol. The dissertation itself is not of much consequence, 148 species are enumerated in it, of which 40 to 50 new ones with 13 new genera, but only *Gustavia angusta* is described and illustrated; the other genera and species are only mentioned with the addition of their vernacular names and were first described by Linnaeus fil. in his *Supplementum plantarum*. This latter work is much more important for the knowledge of the Surinamian flora and numerous well-known species from tropical America were described by Linnaeus fil. by means of specimens originating from Surinam.

In 1791 a small collection reached Europa, namely that of Anderson. This latter, probably Englishman by birth, was originally a hospital surgeon in American service and came to St. Vincent about 1780, where he was superintendent of the botanical garden from 1785 till 1811, the year of his death. With the view of making a flora of the Antilles he collected in the

¹⁾ *Amoenitates Academicae*, ed. Schreber (1785) VIII p. 249

neighbouring islands and visited Guyana in 1791, wanting to take live plants from there to his garden. His collection of Surinam plants is little known and is at present in the Banks herbarium (British Museum, London) and in the Delessert herbarium at Geneva ¹⁾ Still less important is a collection by Leschenault, who visited Surinam for some months from French Guyana in 1823 and made a small collection which is preserved in the *Herbier du Musée de Paris* ²⁾

A more important and especially more widely spread collection was brought together in 1828 by Weigelt. This latter, a Saxon, was sent out by his government in order to make a botanical collection in Surinam. He died however shortly after his arrival in Surinam on the plantation Brunswijk. After his death his herbarium went for the greater part to North America, partly however to Europe, where it was determined by Reichenbach and was distributed over several larger herbariums. His collection consisted chiefly of Ferns, Cyperaceae and Graminae and is found pretty completely e g in the State herbarium at Leyden. ³⁾

F. W. Hostmann, a Hanoverian by birth, studied medicine at Göttingen and settled in 1818 as a practitioner at Paramaribo. His extensive medical practice after a short time brought him in a considerable fortune. At the same time he was an ardent lover of nature and soon began to make a botanical and zoological collection. In 1824 he sent a herbarium to his teacher Ernst Meyer at Göttingen, who worked out the collection and published it in the *Nova Acta Acad. Caes. Leopold-Carolinae* XII (1824). Part of this collection is still in the herbarium at Göttingen, apparently without the original labels of Meyer. It is unknown to me where the other original specimens of Meyer are to be found. Hostmann seems to have sent to Meyer no second time. About 1838 he puts himself in connection with Sir William Hooker to whom he sends already in 1840 a collection of some 500 species together with a letter which has been published by Hooker in the *London Journal of Botany* I (1842) p. 97. Hostmann tells that he has still 11000 specimens of which he had already disposed otherwise through lack of money. Probably these are the collections that were later sold to Hohenacker.

In this letter Hostmann describes the great difficulties which he experiences in collecting on account of the damp climate and mentions that he has made the acquaintance of Weigelt and Splitgerber. In 1841 a second collection is sent to Hooker, again some 500 species with numerous duplicates. In a letter, published by Hooker in the *London Journal*, page 605,

¹⁾ Urban, *Symbolae Antillanae* III p. 17

²⁾ Sagot, *Catalogue des plantes de la Guyane Française*. *Ann. des sciences nat.* 6^{me} Série T. 10 p. 367

³⁾ Hostmann's letter to Hooker in the *London Journal of Botany* I (1842) p. 103; *Flora* XI (1828) p. 94

Hostmann mentions his journey to Anka on the Marowine. In order to have better opportunities for collecting, Hostmann had already given up his practice and offered the government to become commander of the post at Anka. He set out for that place in March 1840, but was forced by insufficient means of conveyance to break his journey for a month at Armina, where he made for the first time the acquaintance of Kappler. But it soon appeared that little could be undertaken with the Bush negroes at Anka. Since Hostmann moreover was ill every moment, he resolved to return to Paramaribo in July. After his return his practice went down altogether. Neither did he care much for it any longer; he preferred to occupy himself with the study of nature and with schemes for the emancipation of the slaves. The shape in which he made known his ideas to his contemporaries was received with nothing but ridicule in Surinam, while in Holland his ideas were disregarded.

It is in this time that he became more closely acquainted with Kappler. Kappler, born at Stuttgart in 1816, was originally educated for the trade, soon however his longing for travelling got the better of him and after an unsuccessful attempt of joining the Greek army, he goes to Holland in 1835, where he enlists at Harderwijk for the colonial army, being destined for Surinam. He goes thither for six years in 1835. His experiences during that time are described in a little book, entitled. *Six years in Surinam, Sketches of social and military life in this colony* by A. Kappler. 2 vols (Utrecht 1854, in Dutch, Stuttgart 1854, in German). Having been sent out to various military outposts in the wilderness, alone with a single negro, he had ample opportunity of devoting his attention to tropical nature. In the first years, however, his collections were exclusively zoological. Besides he was not lucky with them. His first collection, which he sent to Stuttgart, was lost with the ship that conveyed it. During a short residence at Armina he made the acquaintance of Hostmann. After his return to Paramaribo in 1841 Hostmann persuaded him to ask a three weeks' leave and to undertake together a botanical expedition along the Surinam river from the middle of August to the beginning of September. This collection which was afterwards offered for sale by Hohenacker, was collected for the greater part on the Joden-savanne, Bergendal and Station Victoria. Through illness of Hostmann, however, the journey had to be considerably shortened. Kappler, who in the meantime had been promoted to the rank of quarter-master, left the service in 1842 and returned to Germany, after having made an arrangement with Hostmann that he would soon return and that they would then both make an expedition to the Upper Surinam.

Kappler remained in Europe only for a few months. Already in July 1842 he is at Paramaribo again, where he is informed to his dismay that Hostmann had set out for the interior three weeks previously. Kappler goes after him at once and overtakes him at Victoria, where he finds Hostmann

so seriously ill that this latter desires to return to Paramaribo the next day. They arrive there already in August and Kappler takes his abode in Hostmann's house. In his work "Holländisch Guyana, Erlebnisse und Erfahrungen während eines 43-jährigen Aufenthalts in der Kolonie Surinam, Stuttgart 1881," Kappler gives a very amusing description of Hostmann's household at that period. Hostmann did not take the least notice of his family and was constantly occupied in making new schemes for his culture experiments. Characteristic of Hostmann is the following sentence (p. 31). "After our return from Victoria I did not find again in the doctor those animated conversations on the probable flora of Jupiter and Saturn which had so charmed me before I went to Europe. Material concerns had now come in their stead." While Hostmann remained occupied with his culture experiments at Paramaribo, Kappler made an expedition to the Para district, collecting at Osembo, near the plantation l'Inquiétude and near the plantation Berlin. After his return he collected for a time in the environs of the town and then made another expedition to the Sara-creek. On this latter expedition Kappler fell ill and remained for 47 days at post Mauritsburg. After his return to Paramaribo he found Hostmann so absorbed by his colonisation schemes that Kappler resolved to leave his house. He rented a little house himself and so gathered during three years a very valuable collection of dried and live plants which he sent successively to Europe and which were a good source of income to him. From that time already date Kappler's schemes of colonisation on the Marowine and accordingly he paid a visit to that river before his departure to Europe. He also went once more to the Para district where he met Hostmann again who was then occupied with growing tobacco. This is the last we hear of Hostmann. When and where Hostmann died I have not been able to find out.

In Juni 1845 Kappler returns to Germany with a collection of dried and living plants and zoological objects. These latter are in the Naturalien-Kabinett at Stuttgart, about his plants Kappler does not speak. Already in March 1846 he returns to the colony and settles on the Marowine where he founds Albina. At first he occupied himself exclusively with the wood trade, but his income soon increased when he was appointed postholder. He does not seem to have collected much in that time. He only mentions that he sent live plants to Europe.

In 1852 he once more undertakes the voyage to Europe, this time more particularly to Holland, where he tries to obtain support for his colonisation schemes at the colonial office, in which he succeeds. He also marries a friend of his youth, whose name, Albina, he had already previously given to the place founded by him. Accompanied by his wife and some people from the Schwarzwald, he sets out for Surinam in 1853 in a ship, hired for the transport of wood. Colonising did not give Kappler much pleasure, however. To his extraordinary energy he joined a very choleric character, which made him many enemies everywhere. Yet Albina grew larger and

was already inhabited by 71 Europeans in 1855. After having made another voyage to Holland in 1860, Kappler in 1861 is a member of the Dutch-French expedition for the determination of the frontiers. On this occasion he travels on the Lawa and the Litame and mounts the Knopaiamoi (the Piton Vidal) which was not reached again until 40 years afterwards by the Dutch Gomm-expedition. On this expedition a small collection was made.

After that time he seems to have stopped collecting. Kappler made still two voyages to Europe, in 1867 in order to obtain freedom from taxation for his goods and in 1875 on account of illness of his wife. This latter could not stand life in the colony and so in 1879 Kappler sold Albina to the government and left for Europe for good. He went to Stuttgart where he remained till his death.

Besides the two works already mentioned he still wrote a book *Surinam, sein Land, seine Natur, Bevölkerung, seine Kulturverhältnisse mit Bezug auf Kolonisation* von A. Kappler. Stuttgart 1887 and various articles on the fauna and flora of the colony in "das Ausland" of 1885.

Also other collections have been made in Surinam, one of the most important by H. C. Focke who was born in Surinam in 1802, studied law at Utrecht and after taking his degree established himself again at Paramaribo as an official in the court of justice. As early as 1835 Focke sent plants to Miquel who was then botanist at the clinical school at Rotterdam. Focke went on collecting till 1850. From 1854 to 1856 he was one of the editors of the periodical *West-Indie*, of which no volumes appeared after his death and in which he published numerous botanical and ethnographical articles.

As a botanist Focke made himself known by papers on Surinamian orchids in the *Botanische Zeitung* of 1853 and in the *Tijdschrift voor de Wis- en Natuurkundige Wetenschappen* of 1849 and 1851. His dictionary of negro-English received less favourable criticism and was already in the following year superseded by the *Deutsch-Negerenglisches Wörterbuch* of Wulfschlägel, the well-known collector in the Antilles and in Surinam.

It is certainly remarkable that Kappler in his autobiography does not mention Focke at all, since both collected near Paramaribo at the same time. Probably the ex-quartermaster of the colonial army was not respectable enough for the gentlemen of the court of justice to associate with. Kappler complains repeatedly that during his stay at Paramaribo he had so little intercourse with the other inhabitants of the town.

Another botanist whom Focke must certainly have met, is F. L. Splitgerber, born in 1801 at Amsterdam, where he received his education till his fifteenth year, after which he lived at Lausanne for four years. Splitgerber was a highly educated man who spoke several languages fluently and devoted himself particularly to painting. His large fortune enabled him to travel in Europe, he visited Italy, Sicily and England.

Not until his residence at Hillegom in Holland he seems to have devoted himself more particularly to botany. From that period dates his list of plants

grown on the country-seat Bronsté near Haarlem and his numerous drawings of algae and diatoms. Already during his journey to Italy and Sicily in 1833 he collected plants, which collection he afterwards greatly enlarged by the purchase of various other collections. Having become acquainted with the works of Humboldt and Martius the desire was born in him to see the tropics. In 1837 he set out on a voyage to Surinam where he arrived in November. On his numerous expeditions, which however did not extend very far into the interior, he collected about 1200 specimens, part of which were given him by Focke, as appears from the labels of Splitgerber's plants in the State Herbarium at Leyden. He remained in correspondence with Focke for a long time.

His first work after his return in August 1838 was to work out his own material. His plan of publishing *Illustrationes Florae Surinamensis* was not executed because death intervened. But he published part of his plants in the *Tijdschrift voor Natuurlijke geschiedenis en Physiologie* of 1840, in which he dealt with the genus *Voyria* and his ferns and in the same periodical of 1842, in which Bignoniaceae and various other families were published. In 1841 he visited England in order to compare in the herbarium of the British Museum his collection with the original specimens of Aublet. On this occasion he became acquainted with Schomburgk. After having visited the herbaria at Paris, Munich, Geneva and Vienna he returned to Holland, where already the following year (1842) paralysis, followed by softening of the brain, put an end to his life. His herbarium in the meantime had grown to some 20000 specimens. His Surinamian plants are on the whole remarkably well determined, Splitgerber devoting extraordinary care to the determination and being enabled by his fortune to travel and compare his material with foreign herbaria ¹⁾

During his residence at Paramaribo Splitgerber also made the acquaintance of Hostmann, as appears from Hostmann's letter to Hooker. Hostmann tells in it that he has given numerous specimens to Splitgerber. These plants are not found in Splitgerber's herbarium at Leyden, however. There is at Leyden, on the other hand, a collection of Hostmann's duplicates, without numbers and undetermined, the origin of which is unknown. It is not impossible that this is the collection mentioned by Hostmann.

A few years after Splitgerber's death the colony was visited by a botanist of no less zeal, Hermann Kegel, born at Gerbstadt near Eisleben, who in 1844 went to Surinam at the expense of the firm van Houtte at Ghent, chiefly with the object of collecting live plants. Apart from Kappler's last journey, Kegel of all earlier collectors in the colony, certainly penetrated deepest into the interior. After having first collected for a time in the environs of Paramaribo and got so exhausted that he fell dangerously ill, he undertook an expedition to the Upper Surinam, visited Bergendal, the Joden-

¹⁾ De Vriese, *Tijdschrift Nat. Geschied en Phys.* XII (1845) p. 71

savanne and the Para-district and after having brought his collection in safety at Paramaribo, prepared an expedition along the Saramacca. After having stayed a time at Saron, Kegel went further up the Saramacca as far as the first rapids. He did not succeed in getting further, however, since not only the bush-negroes forbade him to stay in their villages, but even forced him to return below the rapids. Kegel now returned to Maripaston, where he stayed for a long time. An important part of his collection was brought together near this village. From there he undertook an expedition to a village on the river Coppenam. His intention of penetrating from this point to the river Corantine was frustrated by the unwillingness of his Indian servants. Kegel however did not give up his plan, he first brought his collection to Paramaribo and then set out once more to Maripaston, where he could find no Indians, however, to show him the way to the Coppenam. Yet Kegel made an attempt with other Indians, but serious illness, as well of himself as of his servants, forced him soon to return to Paramaribo. In December 1846 he is back at Ghent. His collection consisted of 1400 to 1500 specimens of herbarium material, numerous zoological objects and a number of live plants and seeds. After his return he first became professeur démonstrateur d'horticulture théorique at the horticultural school at Ghent and in October 1847 hortulanus at Halle a/S. After his journey in Surinam Kegel seems to have enjoyed bad health. He died at Halle in May 1856 of disease of the stomach ¹⁾

Some years after Kegels's death H. R. Wulschlägel settled in the colony. Born in 1805 at Sarepta in Russia, Wulschlägel received a theological education in Silesia, afterwards became a teacher at Hernhutt and went out as a missionary in 1844 to Antigua, where he stayed till 1847 and collected an important herbarium. From 1847 to 1849 he was a missionary in Jamaica, where he also made botanical collections. In 1849 he became principal of the community of brethren at Paramaribo. His collection was chiefly assembled in the environs of this town, for a smaller part in the Para district. Wulschlägel remained in Surinam till 1855, he then became principal of the community of brethren at Bertelsdorf near Hernhutt, in 1857 became a bishop there and died at Bertelsdorf in 1864 ²⁾

A very small collection of plants was assembled from 1853 to 1855 by Dr. F. Voltz. As a member of a German committee for investigating to what extent Surinam was fit for colonisation, Voltz chiefly occupied himself with the geology of the colony. Shortly before he could have carried out his plan of returning to Europe, Voltz died of yellow fever at Paramaribo. His botanical collection is in the herbarium of the university of Utrecht.

Probably from the same period dates a collection by Dr. Dumontier,

¹⁾ Reichenbach fil. in *Linnaea* XLI (1877) p. 119

²⁾ Urban, *Symbolae Antillanae* III p. 145

who about 1855 was a physician at Paramaribo. This collection is also found in the Utrecht herbarium.

Of the collections mentioned only those of Weigelt and of Hostmann and Kappler have become more widely known. The collection which Hostmann had brought together before making the acquaintance of Kappler, came for the greater part into the hands of Hooker and was spread from Kew. The specimens are all numbered, but about the place where they were found nothing is mentioned. They have not been published separately, but have been dealt with especially by Bentham in his numerous contributions to various numbers of the *London Journal of Botany*. Kew possesses the most complete collection of Hostmann's plants; these are also found in the herbarium of the British Museum, in the Delessert herbarium and incomplete in the Utrecht herbarium.

Later Hostmann put himself into relation with Hohenacker. At any rate we find in *Flora* of 1843 on page 655 the announcement of the first 200—350 species, which are offered for sale by Hohenacker undetermined, with the communication that numerous botanists are already occupied in naming them and that the labels with the names will soon follow. In the same volume of *Flora* we find the first publication on this material by Steudel, containing the enumeration and partly the description of 108 species.

Meanwhile Miquel had already in 1840 published in his *Fragmenta phytographica*, vol. II, part of the Melastomaceae, collected in Surinam by Focke. I do not know how Miquel became acquainted with Focke.

The fairly well preserved collection was commenced in 1835; part of it came into the hands of Splitgerber, the remainder was sent in batches to Miquel who gave it a place in his private herbarium which was later bought by the Utrecht university, where it is at present. Only some duplicates were distributed by Miquel, e g to Grisebach and Bentham, so that duplicates are found at Gottingen and Kew. Another part of the duplicates is in the State herbarium at Leyden.

Meanwhile Kappler continued sending fresh collections to Europe. In *Flora* of 1845 and 1846 we find Hohenacker's announcements concerning these plants. Several botanists occupied themselves with the determination of this material. So Kunze determined the ferns, Hochstetter the Gramina and Cyperaceae, Seubert another part of the Monocotyledons; Lindley the Orchidaceae, Schultz bip the Compositae, Steudel the Melastomaceae, Bernhardt part of the Leguminosae and Miquel the rest. Steudel's publication is found in *Flora* of 1844, Miquel's chiefly in *Linnaea* XVIII (1844) and XIX (1847). In the meantime Miquel went on working at Focke's material. In the *Tijdschrift voor Natuurlijke Geschiedenis en Physiologie* X (1843) a part is first published, the chief part however in *Linnaea* XVIII (1844), partly mixed with the material of Hostmann and Kappler. The best known publication by Miquel on this material is his work *Stirpes Surinamenses Selectae*, published separately in 1850 as the 7th volume of the *Transactions of the Dutch Scientific Society at Haarlem*.

The quarto volume contains 234 pages with 65 plates. Miquel's determinations are occasionally somewhat inaccurate. In this respect the amateur Splitgerber compares favourably with the professional botanist Miquel. Already in *Linnaea* XXI (1848) the determination of Kegel's plants is published by various botanists. So C. Muller gives the mosses, G. Kunze the ferns, Schultz bip. the Compositae, Meissner the Leguminosae, Nees ab Esenbeck the Acanthaceae and Lauraceae, Schauer the Verbenaceae and Myrtaceae, Grisebach a great part of the Monocotyledons, the remaining families being divided between Miquel and Garcke. The Orchids were not published until 1877 in *Linnaea* XLI by Reichenbach fil.

Kegel's herbarium is in the Botanical Institute at Gottingen in an excellent condition. Mettenius obtained the ferns which are now in the Kgl. Botanisches Museum at Berlin. Also the Orchids are wanting at Gottingen and are probably in Reichenbach's herbarium.

As was already mentioned, Splitgerber determined the greater part of his herbarium himself. His death prevented the complete publication by himself and not until 1848 de Vriese in the first volume of the *Nederlandsch Kruidkundig Archief* enumerated the remaining families, giving their numbers and the places where they were found. At the same time de Vriese distributed the duplicates of Splitgerber's herbarium, so Vienna possesses a pretty complete collection of duplicates. The principal collection is at Leyden, where however some unica are wanting. So e.g. I have not succeeded in finding all the *Voyria*'s published by Splitgerber. Also some of the ferns are lacking and the Orchids are even very incomplete, when compared with the article on them by Reichenbach fil. in *Ned. Kruidkundig Archief* IV (1859). These will probably be found in Reichenbach's herbarium.

Wulfschlägel's Surinamian collection is with the original labels in the Martius herbarium at Brussels. The plants have not been published separately, but the greater part has been dealt with in the various volumes of the *Flora Brasiliensis*. Duplicates are in the Grisebach herbarium at Göttingen.

Kappler's collection of 1861, brought together during his being a member of the French-Dutch committee for the determination of the frontiers, has been on the market. He himself says on page 384 of his autobiography:

"The collection of plants I divided with the help of a French botanist into two series, carefully labelled and excellently packed up, I sent them to the leader of the expedition with the request to offer them in my name to the herbaria of the universities of Utrecht and Leyden. I never received a word of thanks or even acknowledgement of their arrival. The remaining plants became known through the care of the late Dr. Hohenacker. Among them are many rare and some new species, which have been described in botanical publications."

The collection that was sent to Holland I found among the indeterminata in the State herbarium at Leyden. They were there only provided with a number and with loose labels, bearing the inscription *legit Kappler*.

1862. Misit Minister coloniarum The specimens are in duplo and since the collection is wanting at Utrecht, it is probable that Miquel who then was at the same time director of the State herbarium at Leyden and professor at Utrecht, deposited both collections at Leyden and that later it was omitted to give half of it to the Utrecht herbarium The rest, offered for sale by Hohenacker in Flora of 1862, bears the numbers 2000 to about 2200 They were for the greater part determined by Grisebach and have no year on the labels Also this collection is in the State herbarium at Leyden The plants have mostly been published in the Flora Brasiliensis.

This period of great activity was followed by a long period of stagnation As far as I know no further botanical material of any importance reached Europe until 1885. Late in 1884 the Leyden professor W. F. R. Suringar visited the colony on his voyage to the Dutch West Indian islands. The very small collection which he brought together during his short stay at Paramaribo, is in the State herbarium at Leyden. By the publication of the Flora Brasiliensis a great part of the material already collected, was submitted to a renewed investigation Especially the collections of Hostmann and Kappler and that of Wulschlagel, least of all those of Kegel and Focke, have been incorporated into the Flora Brasiliensis

Not until 1901 another Surinamian collection reached Holland. The expedition of Dr. van Cappelle went up the Nickerie in August 1900 The pharmacist Dr. Tulleken collected a number of plants, most of the material was collected, however, in various smaller expeditions through the colony and in the environs of Paramaribo The collection of about 500 numbers is in the State herbarium at Leyden

The Utrecht professor F. Went visited the colony in the following year from July to October by order of the government. The object of his journey was to investigate the agricultural conditions of the colony The herbarium which he collected with the assistance of Mr. H. P. J. Bloemers in his various expeditions through the colony contains some 550 numbers and is in the botanical laboratory at Utrecht.

In the same year the Dutch Commission for the scientific study of Surinam resolved to undertake an especially topographical exploration in the still unknown interior parts of the colony. With this purpose an expedition left Paramaribo in August 1901 and investigated the course of the river Coppenam and the situation of the neighbouring mountains Mr. H. Boon, physician in the Dutch army, who was the medical member of this expedition, collected some 220 plants, partly in the environs of Paramaribo

In November 1902 a second expedition left Paramaribo and travelled along the river Saramacca from November to May 1903 During this expedition the present author collected some 400 plants exclusively along the Saramacca.

Already in July 1903 a beginning was made with the investigation of the eastern part of the colony. The Gonini was followed up to its sources

and also the course of the Lawa and the Litanie were investigated and so Kappler's journey of 1861 repeated

After having returned to Holland in January 1904, the same persons went to Surinam again in June of that year and investigated the course of the Tapanahoni and various mountain tops in the neighbourhood. In these latter two expeditions it was Mr G. M Versteeg, M B who accompanied the expedition as physician and who collected about 950 plants

The botanical collections of all four expeditions are in the herbarium of the university of Utrecht which now, possessing also the collections of Hostmann and Kappler and that of Focke, has the most extensive botanical material from Surinam In deviation from the older collections and from that of prof Went, the material of Dr Tulleken and of the collectors of the last four expeditions has been exclusively preserved by Schweinfurth's method, which has contributed no little to the excellent condition of these collections

There is still a small Surinamian herbarium in the colonial museum at Haarlem. The greater part of the West Indian collection of this museum consists however of useful plants and species of wood

In the following systematic part of this work all the material has been used which is now in the Utrecht herbarium I also received from the State herbarium at Leyden the collections of Tulleken, Spltgerber and part of that of Suringar. Prof Peter of Gottingen was so kind to send me Kegel's herbarium to Utrecht, while I was enabled by journeys to Kew and Berlin to compare my material with the collections there and at Kew to see some of Hostmann's plants that are lacking in the Utrecht herbarium I did not see the greater part of Wulschlagel's collection, but since this collection has been almost entirely published in the *Flora Brasiliensis* and moreover was collected only near Paramaribo and in the Para district and so is of relatively little importance for the distribution of the plants over Surinam, I hope this will cause no gap in the systematic part Weigelt's collection I received partly from Gottingen, partly from Leyden

The enumeration of families and genera is very nearly in the order and with the names, as they occur in Engler and Prantl's *Natürliche Pflanzenfamilien*. The species are generally enumerated in the order in which they occur in the *Flora Brasiliensis* or in well known monographs, such as the "*Suites au Prodrôme*" or "*das Pflanzenreich*."

In regard to the nomenclature I have adhered as much as possible to the Berlin rules This was not always possible, since often I lacked the literature for finding the oldest name Also sometimes lack of material for comparison compelled me to follow the division into genera adopted in some monographs and so to deviate from the division of the *Natürliche Pflanzenfamilien* Also through lack of material for comparison part of the material of some families has had to remain unused This applies more especially to Rubiaceae and Myrtaceae, while I had for the same reason to ask Prof. Dr F. Niedenzu of Braunsberg and Dr O E Schulz of

Berlin to work out my material of Malpighiaceae and Erythroxylaceae respectively. Mr. Sprague of Kew was so kind to determine some Bignoniaceae for me. I wish to express here my best thanks to these gentlemen. The specimens mentioned of the various species, have been enumerated with indication of the collector, the number in the collection and the herbarium in the order of the localities where they were found, the most eastern localities having been taken first, the most western last. Since the collections were chiefly made along the rivers, the place where they were found can in this way easily be indicated. The plants along the same river have been enumerated in the order from the mouth to the source, with the addition of Lower and Upper river. Lower river I have always called the part below the rapids. When nothing is added to the name of the collector, this means that the specimen is at Utrecht. This does not apply to Kegel's herbarium which is at Göttingen only, so that the addition herb. Götting, was unnecessary. With the specimens which I did not see, the source is always mentioned. Specimens without indication of locality have been enumerated together after the other specimens with the addition "Surinam".

I had much difficulty in obtaining the vernacular names. One can find these names in a number of works and there exist even special lists, e. g. that of Westerouen van Meteren, containing botanical and vernacular names of Surinamian plants. All these names seem to me to be often unreliable and I do not believe that they are based on the determination of specimens provided with that vernacular name. I rather believe that they had their origin in the borrowing of somewhat similar names from French Guyana. Another fact which makes great care necessary in the use of indigenous names is the very insufficient botanical knowledge of the negroes who yet as a rule are applied to, when we wish to know the vernacular name of a plant. Plants which resemble each other are regularly mixed up and not only are the species of the same genus called by the same name, but often also plants of entirely different families, as e. g. Euphorbiaceae and Amaranaceae. To this must be added the peculiarity of the negro of often mentioning any name, if the plant in question is unknown to him. With the different collections I received from Surinam this often became clearly evident to me and during my stay in Surinam I also had numerous instances of it. In this respect the Indians are much more reliable, moreover they know plants much better. The few Indian names occurring on the collections from Surinam as a rule agree perfectly with those given by Aublet. But on account of the small number of the Indian population of Surinam, travellers have seldom met them and the number of names thus known is very small.

All these reasons induced me to use only those vernacular names which occur on the labels of collected specimens. I was afraid to make the confusion only greater if I also gave a place to the other names

SYSTEMATIC PART.

HYMENOPHYLLACEAE.

TRICHOMANES Linn.

Trichomanes vittaria D. C. Herb. Poir. Encycl. méth. bot. VIII 65

Surinam River near Paramaribo. EHRHARD ex Sturm Flora Bras. I.
2 p. 247.

Para district near Topibo. WULLSCHLÄGEL ex Sturm l. c.

Upper Surinam River near Blauwe Berg SPLITGERBER 1049 H. L. B
904, 336—58 [= *Trichomanes floribundum* Humb. var *vittaria*
Splitg. in tijdschrift voor nat. geschied en physiolog. VII (1840)
p 440]

Commewyne River. KAPPLER without number

Joden Savanne KEGEL 1071 ex Kunze Linnaea XXI p. 238 in forests.

Saramacca River near Sornau-kreek and near plant Vier Hendrikken.

KEGEL 1071 in forests ex Kunze l. c.

Coppename River. WENT 141 in forests

Surinam. HOSTMANN 206, KAPPLER 1748.

Trichomanes pinnatum Hedw. Gen et spec fil. tab. 4. fig. 1.

Gonini River VERSTEEG 54 in forests

Para district near Berlijn: SPLITGERBER 704 H L B 904, 336—55,
56, near Joden Savanne. KEGEL 1058 ex Kunze l. c. 239

Surinam River near Blauwe Berg SPLITGERBER 880 H. L. B. 904,
336—53, near Bergendal. FOCKE 1077, 1167, 1168.

Saramacca River near Janbasigado. PULLE 166 in forests.

Upper Nickerie River: TULLEKEN 387. H L B. 903, 322—1095.

Surinam. SPLITGERBER H. L. B 904, 336—50 named *Tr floribundum*
H. B. K in Tijdschrift v. Nat Gesch VII. p. 439, HOSTMANN 1751
ex Sturm l. c. 248

Trichomanes pennatum Kaulf. Enum. Filic. 264.

Saramacca River near Sornau-kreek KEGEL 1078 in forests ex
Kunze l. c. 238

Surinam. WULLSCHLÄGEL 1719 ex Sturm l. c 249.

Tropical South-America

Trichomanes Hostmannianum Kunze in Botan Zeitung V. (1847)
p. 352

Surinam River, Cassepoera-kreek near Joden Savanne KEGEL 1059
ex Kunze Linnaea XXI 239

Surinam HOSTMANN 75, WULLSCHLÄGEL ex Sturm l. c. 250.

Northern Brazil, French Guyana

Trichomanes Hookeri Presl Hymenoph. 16

Paramaribo, near Oude Rijkweg. KEGEL 655 in forests ex Kunze
l. c. 237.

West-Indian Islands; French Guyana

Trichomanes pilosum Raddi Syn. filic. bras. n. 140

Para district SPLITGERBER on trees, ex Tijdschrift p. 438
Brazil

Trichomanes Sellowianum Presl Hymenoph. 15 et 37

Para district near Joden Savanna. KEGEL 1055 ex Kunze l. c. 240
Brazil

Trichomanes cristatum Kaulf Enum. filic. 265

Saramacca River near Sornau-kreek. KEGEL without numb. on trees
ex Kunze l. c. 239

Surinam WEIGELT ex Kunze l. c. HOSTMANN 600, WULLSCHLÄGEL
ex Sturm l. c. 255.

Northern Brazil, British Guyana

Trichomanes Martiusii Presl Hymenoph. 15 et 37

Para district near Joden Savanne KEGEL 1054 on trees (Nov.) ex
Kunze l. c. 239.

Surinam HOSTMANN 599; FOCKE 1076

North Brazil, British Guyana

Trichomanes Bancroftii Hook. et Grev Icon. filic. II. t. 204.

Saramacca River near Sornau-kreek KEGEL 1079 ex Kunze l. c. 237
in forests.

Surinam WEIGELT ex Kunze l. c.

Northern Brazil, Guyana

Trichomanes Ankersii Parker in Hook. et Grev. Icon. filic. II. t. 201

Surinam River, near Joden Savanna KEGEL 1070 on trees ex Kunze
l. c. 237

British Guyana.

Trichomanes brachypus Kze. in Linnaea IX (1834) p. 105.

Surinam River near Sornau-kreek KEGEL 1202 ex Kunze l. c. 237.

Para district SPLITGERBER H. L. B. 904, 336—52 (= *Tr. subsessile*
Splittg. in Tijdschrift Nat. Gesch. VII p. 437.)

Upper Saramacca River near Janbasigado. PULLE 135 on trees.
 Upper Nickerie River TULLEKEN 516 H L. B 903, 322—1010
 Surinam FOCKE 1255; KAPPLER 1765 ex Sturm. l. c 263.
 Tropical South America.

Trichomanes punctatum Poir. in Enc méth. Bot. VIII. 64

Surinam River near plant. Quarta: KEGEL 1055 in forests ex Kunze
 l. c. 236.

Surinam · WEIGELT ex Kunze l c. 236.

Northern Brazil.

Trichomanes Kapplerianum J. W. Sturm in Flora Bras I. 2. p 276

Surinam KAPPLER ed. Hohenacker 1760 (named *Trichomanes punctatum Kunze*) ex Sturm l c

Northern Brazil.

Trichomanes Krausii Hook et Grev. Icon filic II t. 149

Paramaribo, near Nieuwe Rijkweg · KEGEL 453 ex Kunze l. c 237.

Surinam FOCKE 1256.

Tropical South-America.

HYMENOPHYLLUM Smith.

Hymenophyllum polyanthos Swartz Syn filic. 149

Gonini River · VERSTEEG 201 on trees

Paramaribo · SPLITGERBER, Tijdschrift Nat Gesch. named *H. clavatum Swartz*

Saramacca River, near Maripaston · KEGEL 1385 and 1386 on trees ex
 Kunze l. c 241.

Hymenophyllum Schomburgkii Presl. Hymenoph. 32

Surinam. HOSTMANN 5

British Guyana.

Hymenophyllum ciliatum Swartz Fl. Ind. Occ III. 1753.

Para district near Joden Savanne KEGEL 1069 ex Kunze l c 240

Surinam WEIGELT ex Kunze l c ; HOSTMANN 1232

Tropical South-America

CYATHEACEAE.

HEMITELIA R. Br.

Hemitelia grandifolia Spreng Syst. Veg. IV 125.

Surinam KAPPLER 1771 ex Baker Flora Bras 1 2 p 312.

Northern Brazil; French Guyana

Hemitelia multiflora R Br Prodr fl. Nov. Holl. 158

var. α **guyanensis** Baker l. c 313.

Saramacca River near Maripaston KEGEL 1384 (*Hemitelia* β *guyanensis* Hook ex Kunze, Linnaea XXI. p. 234.)

Surinam River near Joden Savanne: KEGEL 1050 (= *Hemitelia Kegelii* Kunze l. c 235).

Surinam SPLITGERBER ex Baker l c

Northern Brazil, Guyana

var. γ . **Hostmanni** Baker l c 314.

Para district near Joden Savanne. FOCKE 354.

Upper Surinam River near Bergendal. FOCKE 369 (= *Hemitelia surinamensis* Miquel. Diar. Inst Reg. Bat. 1843 p. 7).

Upper Commewyne River near plant. Canawappibo: SPLITGERBER 298 H. L. B 904, 336—34, 35

Upper Nickerie River TULLERKEN 505 H L B. 902, 322—998.
Guyana.

var. δ . **Parkeri** Baker l. c. 314.

Hemitelia Parkeri Hook Spec. Fil. I. 32.

Surinam KAPPLER 1355 ex Baker l. c. 314.

Guyana.

ALSOPHILA R. Br.

Alsophila blechnoides Hook. Spec. Fil I. 35.

Lower Surinam River near plant Jagtlust: FOCKE 494.

Gonini River VERSTEEG 178 in forests.

Surinam River near Joden Savanne KEGEL 1057 ex Kunze l. c 233

Surinam: KAPPLER; HOSTMANN 1080.

Northern Brazil, Guyana

***Alsophila phalerata* Mart** Icon Crypt. Bras. 67 tab. 30.

Surinam FOCKE 1174

Lower Surinam River near plant Geijersvlyt· KEGEL 609 (= *Alsophila infesta* Kunze l. c. 236)

Northern Brazil.

***Alsophila ferox* Presl** Tent. 62.

Paramaribo, pad van Wanica SPLITGERBER 213 H. L. B. 904, 336—33

Para district SPLITGERBER 305 H. L. B. 904, 336—30.

Surinam WEIGELT; KAPPLER 1773, WULLSCHLAGEL 677 ex Baker
l. c. 331.

All tropical America

***Alsophila armata* Presl** Tent. Pter 62.

Upper Tapanahoni River VERSTEEG 844 in forests.

Upper Commewyne· FOCKE 193. SPLITGERBER, Tijdschrift Nat. Geschied 429.

All tropical America

POLYPODIACEAE.

NEPHRODIUM Rich.

Nephrodium subobliquatum Baker Flora Bras. I, 2 p. 469

Surinam HOSTMANN 15 ex Baker l c

Northern Brazil, British Guyana

Nephrodium triste Hook. Spec. filic. IV. 104.

Surinam HOSTMANN 466 ex Baker l c 476

Brazil, British Guyana.

Nephrodium Rivoirei (Fée) emend Diels. Naturl Pflanzenfam. I 4 p 179.

Goniopteris Rivoirei Fée. Fil. Ant t 18 (forma parva).

Surinam SPITGERBER in forests, ex Tijdschrift Nat. Geschied p. 410
named *Polypodium crenatum* Sw

Near plant Quarta KEGEL 127 ex Kunze l c. 213; KAPPLER 1755 ex
Baker l c. 505.

Northern Brazil

Nephrodium androgynum (Poir) Diels l. c. 179

Polypodium androgynum. Poir. Enc. V. 535 (1804).

var: α **tetragonum** (Sw) Baker l. c. 505.

Polypodium tetragonum Sw Fl. Ind. Occ III. 1670.

Lower Surinam River near plant. Jagtlust WENT 82 in forests, near
plant. Quarta KEGEL 125 ex Kunze l c. 213.

Paramaribo SPLITGERBER l. c. 411 in forests, FOCKE 776 in ditches.

Surinam HOSTMANN 465; KAPPLER 1775, 1776

Northern Brazil; Guyana

Nephrodium reticulatum (Sw) Diels l. c. 179

Meniscium reticulatum Sw Syn. Filic. 19

Para district HOSTMANN and KAPPLER ed. Hohenacker 828 (= *Menis-*
cium sorbifolium W. in sched.).

Surinam FOCKE 1091.

Saramacca River near Maripaston KEGEL without number ex Kunze
l c 208.

Polypodium Hostmanni Klotzsch Linnaea XX. p. 397 is a synonym of this species.

All tropical America.

***Nephrodium serratum* (Cav.) Diels 1 c. 179**

Meniscium serratum Cav. Praelect 1803 p. 548

Lower Surinam River near plant. Meerzorg FOCKE 462.

Para district near Beekhuizen. KEGEL 74 in ditches.

Upper Commewyne River. FOCKE 194.

Cottica district near Post Oranjewoud. FOCKE 556.

Upper Saramacca River on the riverside. PULLE 207

Surinam SPLITGERBER 1 c. 398. common in forests

All tropical America

***Nephrodium unitum* (L.) R Br Prodr Fl Nov Holl 148.**

Polypodium unitum L. spec plant. 1548

Lower Surinam River, near plant. Geijersvlyt. KEGEL 846 ex Kunze
1 c. 232 (sub *Aspidium gongylodes* Schkuhr)

Paulus kreek FOCKE 521

All tropical countries

***Nephrodium parasiticum* (L.) Desv Ann. Linn Soc Par VI 260.**

Polypodium parasiticum L Spec Plant 1551

Upper Tapanahoni River near Drie Tabbetje VERSTEEG 671

Lower Surinam River, near plant Jagtlust. WENT 85.

Lower Saramacca River near Groningen WENT 239.

Surinam FOCKE 856, 1108, 1173.

All tropical countries

DIDYMOCHLAENA Desv.

Didymochlaena lunulata Desv Mem. Soc. Linn de Par. VI. 282.

Lawa River near Cottica Mountains VERSTEEG 303, 316.

All tropical countries

ASPIDIUM Sw

***Aspidium trifoliatum* (L.) Sw. Syn fil 43.**

Polypodium trifoliatum Linn. Spec plant 1547

Upper Saramacca River KEGEL 1431 in forests ex Kunze 1 c. 231

Northern Brazil, French Guyana.

***Aspidium macrophyllum* Sw Syn fil 43.**

Lawa River near Cottica Mountains VERSTEEG 326

Lower Surinam River near plant Jagtlust: FOCKE 461.

Paulus-kreek. FOCKE 461

Paramaribo KEGEL 241.

Lower Surinam River, near plant. Quarta: KEGEL 334 ex Kunze
l c. 231; near plant. Jagtlust SPLITGERBER in Tijdschrift Nat.
Geschied VII 413

Surinam HOSTMANN 239; KAPPLER 1734 ex Baker l c 490

Tropical South-Amerika

Aspidium cicutarium (L.) Sw. Syn. fil. 51

Polypodium cicutarium Linn Spec plant. 1549

Paramaribo VERSTEEG 53.

Upper Surinam River near Kompas WENT 400; near Joden Savanne,
KEGEL 1062 ex Kunze l c 232, near Blauwe Berg. SPITGERBER
l c. 414.

Para district: FOCKE 90 and 92.

Nickerie River: TULLEKEN 473 H. L. B. 903, 322—1552

Surinam HOSTMANN 64; FOCKE 1079

All tropical countries.

POLYSTICHUM Roth.

Polystichum abbreviatum (Schrad.) Presl. Epim 58.

Aspidium abbreviatum Schrad Gotting gel Anz 1824. p 869

Surinam HOSTMANN 15 ex Baker l. c. 464.

Tropical and subtropical South-America

CYCLODIUM Presl

Cyclodium meniscioides (Willd.) Presl Tent 85 t. 2. fig 20.

Aspidium meniscioides Willd Spec. plant. V 218

Lawa River, near Cottica Mountains VERSTEEG 308.

Surinam River, near Joden Savanne KEGEL ex Kunze l c 231.

Commewyne River: KAPPLER.

Surinam FOCKE 1088, KAPPLER H. L. B. 903, 322—514, KAPPLER 1746b

Northern Brazil and Guyana

POLYBOTRYA H. B. K

Polybotrya caudata Kunze Linnaea IX. 23.

Lower Surinam River near plant. Quarta: KEGEL 719; near plant.

Geijersvlyt KEGEL 616 ex Kunze l c. 206, named *Olfersia cau-*
data Kze.

Upper Surinam River, near plant. Cassipoura: TULLEKEN 155 H. L. B.
903, 322—1395.

Upper Commewyne River, near plant Canawappibo: SPLITGERBER
l c. 392

Surinam HOSTMANN 1746 ex Baker l. c. 586.

Tropical South-America.

var. *β. pubens* (Mart.) Hook. Spec. Fil. V. 244

Polybotrya pubens Mart. Icon. Crypt. bras 87 t. 25.

Lower Surinam River near plant Jagtlust SPLITGERBER l. c. 391
Northern Brazil.

OLEANDRA Cav

Oleandra neriiformis Cav. Prael. 1801. n. 623

var. *β. pilosa*. Baker. Flora Bras. I. 2. p. 494

Oleandra pilosa Hook. Gen. fil. t. 25 B.

Upper Surinam River near Bergendal: FOCKE 356.

Para district near plant Berlijn on trees SPLITGERBER l. c. 412, named
Aspidium pendulum Splitg. Tijdschrift Nat. Geschied. en Phys.
VII. p. 412.

Lower Saramacca River near Maripaston KEGEL 1377 ex Kunze l. c. 230
named *Aspidium pendulum* Splitg., on trees

Surinam: KAPPLER H. L. B. 903, 322—511

All tropical South-America

Oleandra nodosa Presl. Tent. 157.

Upper Surinam River near Bergendal FOCKE 356, near Blauwe Berg
SPLITGERBER l. c. 412, named *Aspidium nodosum* Willd.

Commewyne River KAPPLER.

Saramacca River, near Maripaston KEGEL 1378 ex Kunze l. c. 230

Para district near plant l'Inquiétude: KAPPLER 1747 ex Kunze l. c. 230.

Guyana, West-Indian Islands

NEPHROLEPIS Schott.

Nephrolepis exaltata Schott. Gen. fasc. I.

Upper Litanie River, near Mount Knopamoie: VERSTEEG 384.

Upper Surinam River, near Bergendal FOCKE 355, named *Nephrolepis*
semihastata Miquel in schedul. on trees.

Saramacca River near Maripaston KEGEL 1379, named. *Nephrolepis*
valida Kunze l. c. 229, near Mindrinetti PULLE 51, on trees.

Surinam: SPLITGERBER l. c. 416, named. *Nephrodium exaltatum* R. Br.

All tropical countries.

var: *β. biserrata* (Sw.) Baker l. c. 493.

Aspidium biserratum Swartz in Schrad. Journ. 1800 II. 32

Paramaribo: KEGEL 167 ex Kunze l. c. 229, named *Nephrolepis ensi-*
folia Presl. Tent. p. 79

Surinam River, near Orellana-kreek: FOCKE 651

Surinam: SPLITGERBER l. c. 417 named: *Aspidium biserratum* Sw.

Northern Brazil

var γ *hirsutula* (Forst) Baker*Polypodium hirsutulum* Forst Prodr. n 439

Surinam river, near Joden Savanne: SPLITGERBER l c 415, named:

Nephrodium rufescens Splitg

Northern Brazil

LINDSAYA Dry***Lindsaya stricta* Dryand Trans. Linn. Soc. III. 42**

Paramaribo SPLITGERBER 108 H. L. B 904, 336—47 in forests

(=*Lindsaya pusilla* Splitg. Tijdschrift Nat Geschied VII p 423)

Para district near Joden Savanne KEGEL 1052 ex Kunze l c 228

Surinam FOCKE 1082, KAPPLER 1737.

Tropical South-America

Lindsaya guyanensis* (Aubl.) Dryand. Trans. Linn. Soc III 42Adiantum guyanense* Aubl Plant. Guyan. 963 t 365.

Paramaribo, Oude Rijkweg KEGEL 405; Poelephantje KEGEL 406, named

L. rubescens Kze l. c 227

Surinam River near Joden Savanne. KEGEL 1076, near Sornau-kreek.

KEGEL 1066 ex Kunze l c 225, named *Lindsaya pumila* Klotzsch

Surinam TULLEKEN 473 H. L. B 903, 322—1553; KAPPLER 1738 ex

Baker l c. 354.

Upper Surinam River, near Blauwe Berg. SPLITGERBER in forests
l. c 425.

Tropical South-America

***Lindsaya dubia* Spreng Syst vegetab. IV 79.**

Upper Surinam River near Morningstar-kreek WENT 509

Surinam KAPPLER 1757

Amazon district, Guyana.

***Lindsaya trapeziformis* Dryand. Trans. Linn Soc III 42 t 9**

Paramaribo, Oude Rijkweg: KEGEL 697 ex Kunze l c 225.

Surinam River near Joden Savanne. KEGEL 1051 ex Kunze l c.

Upper Surinam River near Bergendal FOCKE 1081, near Blauwe
Berg. SPLITGERBER l. c 424

Commewyne River. KAPPLER.

Upper Commewyne district, near plant Waiampibo SPLITGERBER 496

H. L. B 904, 336—44, 45, 46, named *L. nudissima* Rich.

Surinam HOSTMANN 96, 108 ex Baker l. c. 356.

All tropical countries, excepted Africa.

var δ *falcata* (Dryand) Baker.*Lindsaya falcata* Dryand Trans Linn. Soc. III. 41. t 7. fig 2.

Surinam River near Joden Savanne. KEGEL 1067 ex Kunze l c. 224.

Upper Nickerie River TULLEKEN 512 H. L. B 903, 322—1006

Surinam KAPPLER 1353

Brazil; Guyana

DIPLAZIUM Sw.

Diplazium celtidifolium Kze. Botan. Zeit. III 285

Lawa River, near Cottica Mountains: VERSTEEG 324

Subtropical Brazil, West-Indian Islands, Columbia, and Ecuador.

Diplazium radicans (Schk.) Desv. Ann Soc Linn Par. VI. 281

Asplenium radicans Schkuhr Crypt 70 t 76

Lawa River, near Cottica Mountains VERSTEEG 317

All tropical South-America

ASPENIUM L.

Asplenium angustum Swartz Stockh. Vet. Akad. Handl VI. 6 t
4. fig. 1.

Saramacca River, near Maripaston KEGEL 1380 et 1381 ex Kunze
l c. 215

Surinam. HOSTMANN 183 and 618, WEIGELT, WULLSCHLAGEL ex Baker
l c 431

Northern Brazil; Guyana

Asplenium serratum Linn Spec. plant 1538.

Gonini River VERSTEEG 73

Upper Tapanahoni River VERSTEEG 852

Lower Surinam River near plant Jagtlust. WENT 72

Upper Saramacca River, near Janbasigado PULLE 412

Lower Saramacca River, near Maripaston KEGEL 348 ex Kunze l c 215

Upper Nickerie River TULLEKEN 393 H L B 903, 322-1597.

Surinam. SPLITGERBER ex Tijdschrift etc l c 418, FOCKE 199, 495

All tropical America

Asplenium salicifolium Linn Spec plant. 1538.

Lower Surinam River near plant. Jagtlust: SPLITGERBER 450 H. L. B.
904, 336-37

Saramacca River near Maripaston KEGEL 1063 (= *Asplenium Kap-
plerianum* Kze l c 216)

Surinam FOCKE 1169, KAPPLER 1769 ex Kunze l c

All tropical South-America

Asplenium auritum Sw Fl Ind Occ III 1816

Upper Tapanahoni River: VERSTEEG 846

Upper Saramacca River. PULLE 480.

Saramacca River. KEGEL 1439 ex Kunze l c. 217, named *A. um-
brosum* Kaulf.

All tropical South-America

- Asplenium auriculatum** Swartz. Stockh. Vet. Akad. Handl. 1817 p. 68
 Lower Surinam River near plant. Jagtlust. SPLITGERBER 450 H. L. B.
 904, 336—39 named *A. salicifolium* L. var β *semicordatum* Splitg.
 Tijdschrift p. 419.
 Upper Saramacca River PULLE 482a.
 Lower Saramacca River near Maripaston. KEGEL 1073 ex Kunze
 l. c. 216, named *Asplenium falx* Desv
 Surinam FOCKE 339, 327; KAPPLER 1768
 Tropical South-America

BLECHNUM L.

- Blechnum serrulatum** Rich. Act. Soc. Hist. Nat. Par. l. 114.
 Upper Tapanahoni River VERSTEEG 555.
 Paramaribo, Laan van Tourtonne. KEGEL 380 ex Kunze l. c. 214
 Upper Commewyne River. FOCKE 197.
 Saramacca River. FOCKE 298, KEGEL 380 ex Kunze l. c.
 Surinam SPLITGERBER ex Tijdschrift p. 426, named *Blechnum angustifolium* Willd.
 All tropical countries.

STENOCHLAENA J. Sm.

- Stenochlaena sorbifolia** (Linn.) J. Smith in Hook. Journ. of Bot. III 401.
Acrostichum sorbifolium Linn. Spec. plant. 1526.
 Paramaribo, near Poelephantje. KEGEL 87 ex Kunze l. c. 207, named.
Acrostichum phlebodes Kze
 Upper Commewyne district, near plant. Canawappibo SPLITGERBER
 ex Tijdschrift p. 394 named: *Acrostichum erythroides* Kze.
 Saramacca River, near Maripaston KEGEL 87 ex Kunze l. c.
 Upper Nickerie River TULLEKEN 496 H. L. B. 903, 322—1029 and
 460 H. L. B. 903, 322—1582.
 Surinam. HOSTMANN 188 ex Baker l. c. 584.
 All tropical countries.

NEUROGRAMME Link.

- Neurogramme rufa** (Linn.) Link. Spec. fil. 137.
Acrostichum rufum Linn. Spec. plant. 1525.
 Upper Tapanahoni River VERSTEEG 837, on mountains.
 Brazil, British Guyana.
Neurogramme calomelanos (Kaulf.) Diels. Nat. Pflanzenfam. l. 4. p. 264
Gymnogramme calomelanos Kaulf. Enum. fil. 76
 Lower Marowayne River near Albina: TULLEKEN 598 H. L. B. 903,
 322—1212.
 Paramaribo near plant. Tourtonne: KEGEL 325 ex Kunze l. c. 208.

Paramaribo FOCKE 91.

Para district: FOCKE 89.

Upper Commewyne district. FOCKE 191

Surinam: SPLITGERBER 1068 H. L. B. 904, 336—40, 41, 42, 43;

HOSTMANN 247 and 309.

Tropical America and Africa

ADIANTOPSIS Fée

Adiantopsis radlata (L.) Fée Gen. fil 145.

Adiantum radlatum Linn. Spec. plant 1556.

Upper Nickerie River: TULLEKEN 379 H. L. B. 903, 322—1114

All tropical South-America

NOTOCHLAENA R. Br.

Notochlaena squamosa (Gill.) Fée Cat. Lith. Foug. Mex. 10

Cheilanthes squamosa Gillies ex Hook et Grev. Icon. Filic. t. 151.

HOSTMANN 199 ex Baker l. c. 541

Central America; Peru.

ADIANTUM L.

Adiantum platyphyllum Swartz Stockholm Vet. Akad. Handl. 1817
p 74 tab 3 fig. 6.

Gonini River VERSTEG 49.

Para district near plant. Beekhuizen KEGEL 102 ex Kunze l. c. 221
named *A. Kaulfusii* Kze

Surinam: WULLSCHLÄGEL ex Baker l. c. 364

Tropical South-America.

var *γ. Aubletii* Baker l. c. 364.

Surinam WULLSCHLÄGEL ex Baker l. c.

French Guyana.

Adiantum intermedium Swartz. Stockh. Vet. Akad. Handl. 1817 p. 76.

Paramaribo, near Poelepantje KEGEL 75, near Quarta KEGEL 128 ex.
Kze l. c. 221

Surinam River near Joden Savanne KEGEL 1065 ex Kze l. c. 221,
named *A. macrodon* Kaulf.

Sara-kreek WENT 502.

Upper Surinam River, near Blauwe Berg SPLITGERBER 891 H. L. B.
904, 336—12

Upper Commewyne River near plant. Canawappibo. SPLITGERBER 290
H. L. B. 904, 336—10 named: *Adiantum argutum* Splitg. Tijdschrift
VII p. 427.

Saramacca River, near Groningen WENT 240

Upper Nickerie River, TULLEKEN 319 H L. B. 903, 322—1031
 Lower Nickerie River TULLEKEN 286 H L. B. 903, 322—1074
 Upper Nickerie River TULLEKEN 423 H L. B. 903, 322—1574
 Surinam FOCKE H L. B. 904, 336—4; FOCKE 1086, 1085, 1171, 190;
 HOSTMANN 710; WEIGELT ex Baker l c 366
 All tropical countries

***Adiantum glaucescens* Klotzsch.** Linnaea XVIII 552

Surinam FOCKE 1087, named *A. violascens* Mig. MSS. in sched
 Saramacca River, near Maripaston KEGEL 1383 ex Kunze l c 222
 North-Brazil, Guyana

***Adiantum polyphyllum* Willd.** Spec plant V 454

Surinam River near Joden Savanne KEGEL 1074 ex Kze l. c. 224,
 named *A. tomentosum* Klotzsch
 Surinam KAPPLER 1733c ex Kunze l c
 Tropical South-America.

***Adiantum serrato-dentatum* Willd** Spec plant. V. 445

Para district FOCKE 87 and 86, named *A. Kunzei* Mig. Diar Inst
 Reg Batav 1843 p 5 t 1.
 Upper Surinam River, near placer l'Union WENT 511.
 Surinam HOSTMANN 181 H L. B. 904, 336—15, 16, FOCKE 170 H L. B.
 904, 336—14.
 All tropical America and Africa

***Adiantum hirtum* Klotzsch** Linnaea XVIII 563

Upper Surinam River, near Bergendal: FOCKE 370, 1090
 Lower Commewyne River KAPPLER
 Saramacca River, near Maripaston KEGEL 1060 ex Kunze l. c. 222,
 named *A. terminatum* Kze
 Upper Coppename River BOON 1186
 Surinam KAPPLER 1477^d ex Kze l c ; HOSTMANN 93 and 843 ex
 Baker l. c. 373
 Northern Brazil, Guyana

***Adiantum tetraphyllum* Willd** Spec plant 1557.

Upper Tapanahoni River VERSTEEG 840.
 Paramaribo, near Poelephantje KEGEL ex Kunze l c. 224, named:
A. pachysorum Reiche in Weigelt plant. Surin.
 Paramaribo SPLITGERBER 152 H. L. B. 904, 336—19 and 378 H. L. B.
 904, 336--20
 Surinam River, near Joden Savanne KEGEL 1061 ex Kunze l. c. 223,
 named *A. cayenense* Willd
 Para district FOCKE 93.
 Upper Surinam River. FOCKE 357, near Blauwe Berg SPLITGERBER

889 H. L. B. 904, 336—5, 6, 7 named *A. hirtum Splitg* in Tijdschrift VII p. 428.

Upper Saramacca River, near Janbasigado. PULLE 167

Lower Coppename River. WENT 146.

Upper Coppename River, near Raleigh-falls: BOON 1022.

Upper Nickerie River: TULLEKEN 449 H. L. B. 903, 322—1560

Surinam. FOCKE 1088; HOSTMANN 843, KAPFLER 1732.

All tropical America and Africa

Adiantum pulverulentum Linn Spec plant 1559.

Lawa River, near Cotica Mountains: VERSTEEG 340.

Upper Nickerie River. TULLEKEN 407 H. L. B. 903, 322—1510

All tropical South-America

Adiantum villosum Linn Spec plant 1558.

Paramaribo, near Poelepantje KEGEL ex Kze l c. 223

All tropical America.

Adiantum dolosum Kze Linnaea XXI 219

Upper Surinam near Bergendal FOCKE 1291, 1318

Saramacca River, near Maripaston. KEGEL 1382 ex Kunze l. c.

Guyana.

PTERIS Linn

Pteris deflexa Link Hort. Berol. II 30

Surinam. MENZE ex Baker l c 402

All tropical South-America

Pteris denticulata Swartz. Prodr. 129

var. β **brasiliensis** (Raddi) Baker l c 410.

Pteris brasiliensis Raddi Syn fil n. 111.

Lawa River, near Cotica VERSTEEG 328

Brazil: West-Indian Islands.

Pteris aculeata Swartz. Prodr. 129

var β . **propinqua** (Ag.) Baker l c 412

Pteris propinqua Agardh Rec Pter. 65

Paramaribo, near Poelepantje KEGEL 86 ex Kze l c. 217, named.

Pteris biformis Splitgerber

Upper Surinam district, near plant Merveille. SPLITGERBER, named.

Pteris biformis Splitg. in Tijdschrift VII. p 422

Surinam HOSTMANN 730

All tropical America

PTERIDIUM Gled

Pteridium aquilinum (L.) Kuhn ex Diels Nat. Pflanzenf. I p 296

Pteris aquilina Linn

var β *arachnoideum* Baker l c 403

Pteris arachnoidea Kaulf Enum Filic 190

Para district, near Onoribo FOCKE 912, SPLITGERBER 628 H L B.
904, 336—21, near Joden Savanne KEGEL 1049 ex Kze l. c. 218

All tropical countries.

MONOGRAMME Schk

Monogramme seminuda (Willd) Baker in Hook Bak. Syn Filic. 375

Blechnum seminudum Willd Phytol 13 t 8 fig. 2

Para district FOCKE 649

Saramacca, near Maripaston KEGEL 643 ex Kunze l. c 214 named.

Taenitis linearis Kaulf

Surinam. KAPPLER 1759 ex Kunze l c

All tropical America.

VITTARIA Sm.

Vittaria lineata Sw Syn. fil 109.

Commewyne River KAPPLER.

Surinam SPLITGERBER ex Tijdschrift etc. 420, FOCKE 612; FOCKE 498.

All tropical America

Vittaria angustifolia (Sw.) Baker l c 544

Pteris angustifolia Swartz Fl Ind Occ. III 1599.

Paramaribo KEGEL 165 ex Kze l c 214 named *Taenitis angustifolia*
Spr, WENT 263.

Surinam HOSTMANN 1101, KAPPLER 1742 ex Kze l c, SPLITGERBER
ex Tijdschrift 400

All tropical America

HECISTOPTERIS J. Sm.

Hecistopteris pumila (Spreng.) J Sm. London Journ. of Botany I. 193

Gymnogramme pumila Spreng Syst Veg Suppl 31.

Paramaribo KEGEL 2, ex Kunze l. c. 208, named *Gymnogramme*
pumila Spreng

Surinam. SPLITGERBER l c 396, HOSTMAN 199, KAPPLER 1761 ex Kze
l. c.; WEIGELT ex Baker l. c 552.

ANTROPHYUM Kaulf.

Antrophyum lanceolatum Kaulf Enum fil. 198.

Saramacca River near Maripaston. KEGEL ex Kunze l c. 218

Guyana, Central-America, Columbia.

Antrophyum subsessile Kunze Anal 29 t. 19 fig. 1.

Commewyne River. KAPPLER

Para district. KEGEL 873 ex Kze l. c. 218, named *A. cayennense* Kaulf
 Saramacca River, near Maripaston. KEGEL 873 ex Kze l. c.
 Surinam. FOCKE 1230; DUMORTIER, KAPPLER 1740 ex Kze l. c.
 Northern Brazil; Guyana

ANETIUM Splitg.

Anetium citrifolium (L.) Splitgerber Tijdschrift v Nat. Gesch VII p 395.
Acrostichum citrifolium Linn Spec plant. 1513
 Saramacca River SPLITGERBER 827 H. L. B. 904, 336—36; KEGEL 1434
 ex Kunze l. c. 206.

DICRANOGLOSSUM J. Sm

Dicranoglossum furcatum (Linn) J Sm London Journ of Bot. I
Pteris furcata Linn Spec plant. 1531
 Upper GOMINI River VERSTEEG 74
 Para district: WENT 408
 Paramaribo. KEGEL 124, ex Kze l. c. 214, named. *Taenitis Desvieuxii*
Klotzsch.
 Surinam River, near Orellana-kreek: FOCKE 727.
 Surinam HOSTMANN 95; SPLITGERBER ex Tijdschrift 401, named. *Taenitis*
furcata Willd., KAPPLER
 All tropical America

POLYPODIUM Linn

Polypodium serrulatum Metten Fil Hort Lips 30.
 Paramaribo, Oude Rijkweg. KEGEL 642 ex Kunze l. c. 209, named
Xiphopteris serrulata Kaulf.
 Para district, near Onoribo SPLITGERBER ex Tijdschrift p 399
 Surinam. HOSTMANN 24.
 All tropical America.

Polypodium Kegelianum Kunze. Linnaea XXI. p 210.
 Surinam River, near Sornau-kreek: KEGEL 1072 ex Kunze l. c.

Polypodium pendulum Sw. Syn. fil. 33.
 Para district SPLITGERBER 971 H. L. B. 904, 336—48
 All tropical South-America

Polypodium cultratum Willd Spec. plant. V 187.
 Upper Tapanahoni River. VERSTEEG 762.
 Commewyne River KAPPLER.
 All tropical America

Polypodium jubaeforme Kaulf in Regensb Flora 1823.
 Surinam. HOSTMANN 74, WULLSCHLAGEL; WEIGELT ex Baker l. c. 511
 Northern Brazil; Central-America

***Polypodium elasticum* Rich** Ann. Soc Hist. Nat Paris. 114

Lawa River, near Cottica Mountains VERSTEEG 333

Upper Saramacca River PULLE 483.

Upper Coppename River BOON 1245

All tropical and subtropical South-America.

***Polypodium brasiliense* Poir** Enc Bot. V. 525var. α ***neriifolium* Baker** l c 524

Tapanahoni River VERSTEEG 643.

var. β ***attenuatum* (H. B K) Baker.***Polypodium attenuatum* H. B. K. Nov Gen et Spec. I 10

Lower Surinam River, near plant Jagtlust SPLITGERBER ex Tijdschrift 406

Lower Saramacca River, near Maripaston KEGEL 1376, ex Kunze l. c. 212.

Surinam FOCKE 497, 751

All tropical America

***Polypodium aureum* Linn.** Spec plant. 1546

Paramaribo KEGEL 498 ex Kunze l c 211, near plant Tourtonne FOCKE 759, 313, 493

Surinam SPLITGERBER ex Tijdschrift p 404, HOSTMANN 945, KAPPLER 1731.

Tropical and sub-tropical America

***Polypodium decumanum* Willd** Spec plant. V. 170

Paramaribo, Laan van Tourtonne KEGEL 447, ex Kze l. c. 211

Northern Brazil, West-Indian Islands, Guyana.

***Polypodium Phyllitidis* Linn** Spec plant. 1543

Paramaribo, near plant Quarta. KEGEL 168, near Oude Rijkweg KEGEL 699 ex Kunze l c. 210.

Para district, near Kompas WENT 401.

Upper Saramacca River PULLE 433

Surinam SPLITGERBER ex Tijdschrift p. 407; HOSTMANN 106

Tropical and sub-tropical America.

var. β ***repens* (Aubl.) Baker** l c 532*Polypodium repens* Aubl. Plant Guyan 962

Gonini River VERSTEEG 198

Northern Brazil, Guyana.

***Polypodium crassifolium* Linn** Spec. plant 1543

Saramacca River, near Maripaston: KEGEL 1053 ex Kunze l c 210

Coppename River BOON 1225.

Surinam FOCKE, KAPPLER 1743 ex Kunze.

All tropical America.

Polypodium lycopodioides Linn Spec plant 1542.

var *γ. surinamense* (Jacq) Baker l c. 533.

Polypodium surinamense Jacq Coll. III 285 t 21 fig. 4.

Lower Marowynne River. WENT 456

Upper Tapanahoni River. VERSTEEG 598

Paramaribo. FOCKE 799, near Poelephantje KEGEL 169, near Quarta

KEGEL 608 ex Kunze l c. 209, named *Polypodium salicifolium* Willd.

Paulus-kreek FOCKE 799

Saramacca River near Maripaston: KEGEL 1043.

Upper Saramacca River PULLE 491

Upper Coppename River BOON 1243

Surinam: SPLITGERBER ex Tijdschrift p 403, named *P. salicifolium*

Willd, HOSTMANN 163 and 1169 ex Kze l c

Northern Brazil; Guyana

Polypodium persicariaefolium Schrad. in Gott. Gel Anz 1824 p 667

Upper Litame River. VERSTEEG 379

Upper Tapanahoni River VERSTEEG 730

Paramaribo. KEGEL 81 ex Kze l. c. 209

Orellana-kreek: FOCKE 726

Surinam SPLITGERBER ex Tijdschrift pg 401, named: *Microgramme*

persicariaefolia Presl

Tropical South-America

LEPICYSTIS J Sm.

Lepicystis piloselloides (L) Diels. Nat Pflanzenf. I 4. 'p 323

Polypodium piloselloides Linn Spec. plant 1542

Upper Tapanahoni River VERSTEEG 658

Surinam. WEIGELT; WULLSCHLAGEL, KEGEL 4, 91, 490 ex Kunze l c.,
named *Polypodium ciliatum* Willd SPLITGERBER ex Tijdschrift p. 405;

HOSTMANN 324 ex Kunze l. c.

Tropical America.

Lepicystis incana (Sw.) J Sm. in Hook. Journ. of Bot. IV 56.

Polypodium incanum Swartz Syn. fil. 35.

Saramacca River KEGEL 1239 ex Kunze l. c. 211, named *P in-*
canum Sw, SPLITGERBER ex Tijdschrift l. c. 405.

Tropical and sub-tropical America, South-Eastern Africa

Lepicystis lanceolata (L) Diels Nat. Pflanzenf. I 4. p. 323.

Polypodium lanceolatum Linn Spec plant. 1542.

Paramaribo FOCKE 650, 83.

Para district, near Onoribo FOCKE 914.

Surinam. SPLITGERBER ex Tijdschrift p. 398, named *Grammitis squa-*
mulosa Splitgerber

All tropical countries.

Lepicystis percussa (Cav.) Diels. Nat Pflanzenf I 4 p. 323.

Polypodium percussum Cav Prael 1801 p 243

Upper Gonini River· VERSTEEG 180

Upper Tapanahoni River, near Mount Teeboe. VERSTEEG 782

Paramaribo: FOCKE 84, WENT 490; KEGEL 159; ex Kunze l c. 213

Para district, near Kompas: WENT 364

Lower Commewyne River, near plant Nijd en Spijt· TULLEKEN 145

H L B. 903, 322—1181.

Lower Saramacca River PULLE 114 KEGEL 160 ex Kze l c.

Upper Saramacca River· PULLE 192

Upper Coppename River· BOON 1231

Surinam FOCKE, SPLITGERBER ex Tijdschrift p. 402, Dr. VOLTZ

Tropical South-America.

ELAPHOGLOSSUM Schott

Elaphoglossum flaccidum (Fée) Moore Ind fil. 356

Acrostichum flaccidum Fée Acrost. 37 t 7

Commewyne River: KAPPLER

Northern South-America.

Elaphoglossum latifolium (Sw) J Smith Hook Spec fil. W. 202

Upper Saramacca River: PULLE 482.

Lower Saramacca River· KEGEL 1064 ex Kunze l. c 207, named

Acrostichum Schomburgkii Fée.

All tropical America

Elaphoglossum scolopendrifolium (Raddi) J. Smith. Bot. Mag. 1846. App. 17

Acrostichum scolopendrifolium Raddi Fil Bras. 4 t 16

Surinam HOSTMANN 1082.

Tropical South-America; West-Indian Islands.

ACROSTICHUM L.

Acrostichum aureum Linn. Spec plant 1525.

Paramaribo, Laan van Tourtonne, in ditches KEGEL 901 ex Kunze

l c. 207, named *A. inaequale* Willd., WENT 412, VERSTEEG 538

Surinam· SPLITGERBER H L. B. 904, 336—1, HOSTMANN 326 H L B

904, 336—3, FOCKE 315

All tropical and sub-tropical countries

PARKERIACEAE

CERATOPTERIS Brongn.

Ceratopteris thalictroides (Linn.) Brongn. in Dict. Sc. Nat. III 350.

Acrostichum thalictroides Linn Spec plant 1527.

Paramaribo; near Laan van Tourtonne KEGEL 622, in ditches ex
Kunze l c. 206.

Surinam. HOSTMANN 55 ex Kze l c , SPLITGERBER ex Tijdschrift p
432, in water

All tropical countries.

GLEICHENIACEAE.

GLEICHENIA Sm.

Gleichenia pectinata Presl Reliq Hänk. I. 71.

Surinam HOSTMANN 815, WULLSCHLÄGEL 667 ex Sturm Flora Bras.

I p. 2. pg. 229 DUMORTIER, without number.

Surinam River near Joden Savanne KEGEL 1056 ex Kze l c. 203,
named *Mertensia glaucescens* H. B K.

Tropical South-America

SCHIZAEACEAE

SCHIZAEA Sm

Schizaea subtrijuga Mart. Icon plant. crypt bras. 117

Paramaribo, Oude Rijkweg. KEGEL 379 ex Kze l. c. 204.

Northern Brasil, Guyana.

Schizaea pennula Swartz. Syn. fil. 150 and 359.

Paramaribo, Oude Rijkweg KEGEL 452 ex Kze l. c. 204.

Surinam River, Joden Savanne: SPLITGERBER Tijdschrift p. 433
named *Schizaea trilobata* Schkuhr, in savannahs.

Surinam. HOSTMANN 566, KAPPLER 1745 ex Sturm l. c. 180; WULL-
SCHLAGEL 1202; FOCKE 1095

All tropical America.

Schizaea incurvata Schkuhr. Farrnk. 138 t. 137.

Para district, Joden Savanne KEGEL 1077 ex Kze l. c. 204; SPLITGERBER
ex Tijdschrift p. 434 named *S. bifida* Sw.

Upper Para River: FOCKE 100.

Surinam. WULLSCHLAGEL 1203; HOSTMANN 623.

Northern Brasil, Guyana.

Schizaea flabellum Mart. Icon pl. crypt bras. 115 t. 55 fig. 2

Upper Surinam River: KAPPLER 1739 ex Sturm l. c. 183

Joden Savanne: WULLSCHLAGEL 1201 ex Sturm l. c.

Northern Brasil, Guyana.

Schizaea elegans Swartz. Syn. fil. 151

Paramaribo: FOCKE 915, KEGEL 163 ex Kze l. c. 205; WULLSCHLAGEL 690
and 699 ex Sturm l. c. 184.

Surinam. HOSTMANN 304 ex Sturm l. c. 184; SPLITGERBER ex Tijd-
schrift p. 933.

All tropical America

LYGODIUM Sw.

Lygodium volubile Swartz. Syn. fil. 152.

Lower Marowyne River, near Albina VERSTEEG 30
 Paramaribo WENT 295, SPLITGERBER ex Tijdschrift p 435.
 Lower Surinam River. FOCKE 466
 Lower Commewyne River: FOCKE 398, named *Lygodium surinamense*
Miq in sched.
 Upper Saramacca River PULLE 113
 Surinam KAPPLER H. L. B. 903, 322—507, WEIGELT, named *Lygodium*
polymorphum in sched., WULLSCHLAGEL 665 ex Sturm l. c. 178
 Tropical America.

Lygodium hastatum Desv. Prodr. fil. in Ann. Soc. Linn. de Paris
 VI 204
 Paramaribo KEGEL 1 ex Kunze l. c. 203.
 Surinam KAPPLER 1778 and 1779 ex Kze l. c.
 Brazil.

Lygodium venustum Swartz in Schrad. Journ. 1801 II 303
 Paramaribo SPLITGERBER ex Tijdschrift p. 436 named *Lygodium*
polymorphum H. B. K., KEGEL 364 ex Kunze l. c. 203
 Surinam FOCKE 1106, 1284; KAPPLER 1777 and 1412 ex Kze l. c. 203
 Tropical America

ANEIMIA Sw.

Aneimia oblongifolia Swartz Syn. fil. 156.
 Upper Tapanahoni River, near Mount Teeboe VERSTEEG 781
 Tropical South-America.

SALVINIACEAE

SALVINIA Linn.

Salvinia auriculata Aubl. Plant. Guyan II. 969 t 367

Paramaribo, near plant. Quarta in water. KEGEL 101 ex Kze
l. c. 241, named *Salvinia hispida* H. B. K., near plant. Jagtlust:
WENT 39

Surinam. FOCKE 95.

Tropical and sub-tropical America

AZOLLA Lam

Azolla caroliniana Willd Spec pl. V 541.¹

Paramaribo, near Oude Rijnweg KEGEL 637 ex Kunze l. c 241, named
Azolla cristata Kaulf.

Tropical and sub-tropical America.

MARATTIACEAE.

DANAEA Sm

Danaea simplicifolia Rudge. Plant. Guyan. rar. ic. et descr. 24 t. 36.

Surinam: WULLSCHLAGEL 1715 ex Sturm Flora Bras. I 2 p. 155.

Guyana

Danaea trifoliata Reichb. Mss. in Plant. Weigelt.

Surinam River near Victoria: KAPPLER 1754

Surinam: HOSTMANN 1166, WEIGELT ex Sturm. I c. p. 156

OPHIOGLOSSACEAE.

OPHIOGLOSSUM L

Ophioglossum ellipticum Hook. et Grev. Icon fil I tab. 40

Paramaribo, near Oude Rijkweg KEGEL 429 ex Kunze l c. 203, named

O. nudicaule L., FOCKE 1425

Lower Surinam River near plant. Rust en Werk SPLITGERBER ex
Tijdschrift p 440

Surinam. HOSTMANN 521, WEIGELT ex Sturm l c. 145.

Brazil and Guyana.

Ophioglossum reticulatum Linn Spec plant 1518

Paramaribo near Oude Rijkweg: KEGEL 430 ex Kunze l c. 203

All tropical countries

LYCOPODIACEAE

LYCOPODIUM L.

Lycopodium linifolium Linn. Sp. pl. 1563

Paramaribo KEGEL 321 ex Kunze l c 202.

Surinam SPLITGERBER ex Tijdschrift pg 441; HOSTMANN 1199 ex
Kze l. c.

All tropical America.

Lycopodium dichotomum Jacq Hort Vind. III. 26 t 45.

Paramaribo near plant. Quarta KEGEL 82 ex Kze l. c. 202, named
L. dichotomum Sw var *pusillum* Spring.

All tropical America

Lycopodium passerinoides H. B. K.

Surinam River near Sornau-kreek: KEGEL 222 ex Kunze l c. 202.

All tropical America

Lycopodium carolinianum Linn Spec. plant 1567.

Para district near Onoribo SPLITGERBER ex Tijdschrift p. 442.

Upper Surinam district near Joden Savanne: KEGEL 1001 ex Kze
l. c 202.

Surinam HOSTMANN 1155 et 1157.

All tropical and sub-tropical countries

Lycopodium cernuum L Spec pl. 1566.

Paramaribo near Poelepantje KEGEL 166 ex Kze l c 202.

Paramaribo SPLITGERBER ex Tijdschrift p 442

Upper Commewyne River FOCKE 192.

All tropical countries.

SELAGINELLACEAE

SELAGINELLA Spring.

Selaginella flabellata (L.) Spring. Mon. II 174.

Lycopodium flabellatum Linn

Upper Nickerie River. TULLEKEN 333 H L B 903, 322—1063 and
TULLEKEN 510, H L B. 903, 322—993 in forests

Surinam. FOCKE 1254.

All tropical America

Selaginella radiata (Aubl.) Baker in Journ. of Bot. 1884 p. 374.

Lycopodium radiatum Aubl. Plant. Guyan. II 967.

Upper Nickerie River TULLEKEN 377 H L B 903, 322—1103

Selaginella marginata (H B K) Spring Mon II 211

Lycopodium marginatum H B K Nov Gen et Spec I 39.

Upper Saramacca River, near Janbasigado PULLE 434.

Upper Nickerie River: TULLEKEN 482 H L. B. 903, 322—1018.

Surinam DUMORTIER without number.

Brazil and Guyana.

Selaginella Parkeri (Hook. et Grev.) Spring Mon. II. 226.

Surinam: FOCKE 1217

Guyana.

Selaginella epirrhizos Spring. Mon II 218

Upper Surinam River near Bergendal FOCKE 386.

Upper Nickerie River. TULLEKEN 509 H. L. B 903, 322—995

Surinam. Dr VOLTZ without number

Guyana

Selaginella caudorhiza Baker in Journ. of Botan. 1883 p 334

Surinam. HOSTMANN 3 ex Baker. l. c.

ALISMATACEAE.

LOPHOTOCARPUS Durand

Lophotocarpus guyanensis (H B. K.) Smith. in Report Missouri
Botan Gardens VI (1895) 35

Sagittaria guyanensis H B. K. Nov. gen et spec I (1815) 250

Surinam HOSTMANN 870; WULLSCHÄGEL

Brux ex Micheli Monograph Phanerog. III p. 63.

Tropical America

SAGITTARIA Linn

Sagittaria pugioformis Linn Diss de plant. Surin (1775) 15

Surinam DALBERG ex Linn. l c.

Brazil and Guyana

Sagittaria lancifolia Linn. Syst nat ed 10, II (1759) 1270.

Surinam near plant. Zwaarigheid. FOCKE 119 (fl May) named by

Miquel. *Sagittaria auctifolia* Linn f. in Linnaea XVII (1843)

p. 59 and Linnaea XVIII (1844) p 379, DUMORTIER without number

Brazil and Guyana

BUTOMACEAE

HYDROCLEIS Rich

Hydrocleis nymphoides (Willd) Buchenau Index crit in Abh. Nat.
Ver Brem. II. (1868) 2.

Stratoides nymphoides Willd Linn Spec pl IV. 821

Nickerie River TULLEKEN 278 H. L. B 903, 322—1226 (fl. Aug)
Tropical South-America.

HYDROCHARITACEAE

ELODEA L. C. Rich

Elodea guyanensis. L. C. Rich in Mèm de l'Inst. de France. II. (1811)
p 75 t. 1.

Lower Surinam River near plant. Jagttsst Focke 602 in ditches fl

Octob (= *Udora surinamensis* Miq in Linnaea XVIII (1844) p 241.

Paramaribo: in ditches. VERSTEEG 498 (fl June).

Upper Tapanaboni River VERSTEEG 923 (fl Octob)

HYDROMYSTRIA G F W Meyer

Hydromystria stolonifera G. F. W. Mey. Prim. Fl. Esseq 152

Trianea bogotensis Karsten

Surinam River VERSTEEG 497 (fl June.)

All tropical America.

GRAMINA.

COIX L

Coix Lacrima Linn Hort. Cliff. 437

Paramaribo · TULLEKEN 14, H. L. B 903, 322—1312 (fr. July)

Saramacca River near Groningen · WENT 238. (fr Aug.)

Surinam, HOSTMANN H L B 903, 322—257. WULLSCHLÄGEL ex Döll.

Flora Bras II 2 p. 30

All tropical countries

IMPERATA Cyr.

Imperata brasiliensis Trin Mém Ac Petersb S. VI. T 2. p. 331 (1833.)

Surinam · FOCKE 526, 735. fl Octob

Vernacular name: Staartgras

Brazil

Imperata caudata Trin. l c. p 331

Paramaribo, Laan van Tourtonne KEGEL 482

Para · SPLITGERBER 1076 H. L. B. 904, 308—12, 13, 14, 15, 16, 17

Surinam WEIGELT H L. B 904, 308—131 HOSTMANN H. L. B.

903, 322—75

All tropical South-America

SACCHARUM L

Saccharum cayennense (Beauv) Benth. Journ Linn Soc XIX 66

Eriochrysis cayennensis P De Beauv Agr 8

Lower Surinam river HOSTMANN and KAPPLER Ed Hohenacker
nº. 1284 (fl. Dec.)

Surinam. NOLTE without nº in herbar. Götting

All tropical America.

Saccharum officinarum Linn Spec. pl. ed. I. 1. 54.

Surinam: SPLITGERBER 1081. H. L. B 904, 308—132, 133, 134 (fl. Dec)

Cultivated

MANISURIS Linn. f.

Manisuris granularis (Linn.) Swartz Prodr 25

cenchrus granularis Linn Mant II p. 575

Para near Onoribo. SPLITGERBER 686 H. L. B. 904, 308-18, 19
(fl. March)

Brazil.

TRACHYPOGON Nees.

Trachypogon polymorphus Hack Flora Bras. II. 3 p. 263

var *«. plumosus* Hack. l. c.

forma 3 *dactyloides* Hack l. c.

Surinam. HOSTMANN 1028

Para WULLSCHLAGEL 602. ex Hackel l. c

Northern Brazil

ANDROPOGON Linn

Andropogon bicornis Linn Spec Plant. Ed 1. II 1046

Lower Marowijne, Albina WENT 429 in savannahs (fl. Octob)

Paramaribo, Oude Rijkweg: KEGEL 950 (fl. July.)

Surinam. FOCKE 839.

In all tropical America.

Andropogon virginicus Linn. Sp. plant. 1. II. 1046.

Para River near Onoribo SPLITGERBER 685 H. L. B 904, 302-14,
15, 16, (fl. March); SURINGAR H. L. B. 904, 302-3 (fl. Jan.)

Paulus Kreek. FOCKE 1417 (fl. Sept.)

Surinam River near Bergendal FOCKE 1326

Surinam. HOSTMANN 341: HOSTMANN Ed Hohenacker 152, H. L. B
904, 302-11, KAPPLER 152. H. L. B 904, 302-6

America

Andropogon squarrosus Linn. f. Suppl. 433.

Paramaribo. FOCKE 1427, cultivated in gardens (fl. Aug)

Vernacular name. Vétivert

Guyana and Brazil, perhaps introduced.

Andropogon brevifolius Sw. Fl. Ind. occ I 209

Paramaribo KEGEL 4023, (fl. August)

Para River. SPLITGERBER 988. H. L. B 904, 302-2, 135, (fl. July)

Andropogon Sorghum (L.) Brot. Fl. Lus I 88

Holcus Sorghum L. spec ed. 1 II 1047.

Surinam. SPLITGERBER 509, H. L. B. 904, 302-140, 141, 142, culti-
vated (fr Jan)

Vernacular name. Curaçaosche mais
Tropical Africa.

PASPALUM Linn

Paspalum pulchellum H B. K. Nov. gen et spec 90 t. 26.

Para district. WULLSCHLAGEL 580.

Surinam KEGEL 1266, ex Döll, Flora Bras. II 2 p. 44.

Northern Brazil.

Paspalum pusillum Ventenat mss

Surinam WULLSCHLÄGEL 572, WEIGELT ex Doll l. c 46

Northern Brazil, French Guyana

Paspalum maritimum Trinius Acta Petrop 148.

Surinam WULLSCHLAGEL 1605.

Northern Brazil, French Guyana.

Paspalum densiflorum Döll l c. 52.

Surinam HOSTMANN 658, FOCKE 1060

Brazil

Paspalum conjugatum Bergius Act helv. VII 129 t 8.

Lower Marowijne, Albina. VERSTEEG 17 (fl. July.)

Para River: SURINGAR H L B 904, 308—100 (fl Jan)

Surinam SPLITGERBER 454 H. L. B 904, 308—102, 103, 104.

Surinam, without collectors name H L B 904, 308—105, 106.

Tropical, and sub-tropical South-America

Paspalum caespitosum Flügge Monogr. 161.

Surinam; HOSTMANN 658 ex Doll l. c. 53.

Brazil

Paspalum pumilum Nees Agrost. bras 52

Paramaribo: WULLSCHLÄGEL 579 ex Doll l. c. 57.

Tropical and sub-tropical South-America

Paspalum nutans Lam Illustr 175 n° 922

Surinam WULLSCHLAGEL 575 ex Doll l c. 60.

All South-America

Paspalum setifolium Döll. l c. 62

Paspalum Kegelii C. Mull in ipsius herbario teste Doll l. c

Saramacca River, near Maripaston KEGEL n° 1816 ex Doll. l. c.

Amazon-district.

Paspalum maculosum Trinius Spec Gram t. 113.

var β . *rotundiflorum* Doll l. c 72

Surinam KAPPLER 1561 ex Doll l c

***Paspalum vaginatum* Swartz Prodr 21.**

Cottica district near plant Badenstein: SPLITGERBER 791 H L B 904, 308, 122 (fl. Apr.)

All tropical America.

***Paspalum plicatulum* Michaux Flor. Bor. Amer I 45.**

Surinam WEIGELT (*Paspalum scrobiculatum* L, var *orbiculatum* in schedulam) H. L. B 904, 308—121, SPLITGERBER H. L. B 904, 308—129, Kappler 1543 (*Paspalum caespitosum* Hochstetter in schedulam) ex Doll l. c 76

All Brazil and Guyana.

***Paspalum densum* Poir Enc méth. V. 32**

Para district SPLITGERBER 1176 H L B 904, 308—107, 108, 109, 110 (fl. May), KAPPLER ed Hohenacker 1496 H. L. B 904, 308—112 (fl. Febr.-April), SURINGAR H L. B 904, 308—111 (fl. Jan); Onoribo. FOCKE 906 (fl. March), Post Republiek. TULLEKEN 187. H. L. B 903, 322—1259 (fl Aug.)

Surinam: WEIGELT, WULLSCHLAGEL 1606 et 1608 ex Doll l. c. p 88.

var: α *ciliatum* Döll. l. c.

Surinam: WULLSCHLAGEL 576, 1143 ex Doll l. c.

All tropical South-America

***Paspalum virgatum* Linn. sp. plant. Ed. II. 82.**

Lower Commewyne district SPLITGERBER 434 and 306. H. L. B 904. 308—123, 125, 126, 127 (fl. Dec.).

Lower Marowijne, River, Albina: VERSTEEG 37 (fl July)

Lower Surinam River near plant Jagtlust WENT 34 (fl July.)

Para district: VERSTEEG 501 (fl. June).

Surinam. FOCKE 109, 144, 519, WEIGELT ex Döll l. c. 89

Vernacular name. Baboen-nefi

All tropical South-America.

***Paspalum carinatum* Flügge Monogr. 65**

var: β *Kappleri* (Hochst) Döll. l. c 96.

Paspalum Kappleri Hochstetter in schedulam

Surinam HOSTMANN and KAPPLER 1306

***Paspalum repens* Bergius in Act Helv. VII tab 7.**

Surinam KAPPLER 707a. (*Paspalum bistipulatum* Hochstetter in schedulam,) ex Doll l. c 98.

Northern Brazil; Guyana.

***Paspalum furcatum* Flügge Monog 114.**

Surinam: HOSTMANN and KAPPLER ed Hohenacker 1283 (*Paspalum surinamense* Hochstetter in schedulam)

var. γ **filiforme**. (Mühlenb.) Döll l. c. 104.

Digitaria filiformis Muhlenb.

Surinam: WEIGELT. H. L. B. 940, 308--113. (*Panicum brachycladon* Reichenbach in schedulam ex Doll l. c.)

Tropical South-America

Paspalum scoparium Flüge Monogr. 124

Surinam: HOSTMANN and KAPPLER 1283 (*Panicum surinamense* Hochstetter in schedulam) ex Döll l. c. 106

Paspalum chrysostachyum (Trin.) Schrader in Romer et Schultes Mantissa II p. 176

Panicum chrysostachyum Trinius Act. Petrop. 1835 p. 196.

Surinam KEGEL 1104 ex Döll l. c. 115.

Northern Brazil

Paspalum pulchrum Nees. Agrost. bras. p. 79.

Para district: KAPPLER ed Hohenacker 1524 H. L. B. 904, 308--114.

Para district: near Onoribo: SPLITGERBER 683 H. L. B. 904, 308--117, 118, 119, 120, 115. (fl. March); FOCKE 905 (fl. March).

Surinam: WULLSCHLÄGEL 1167 ex Doll l. c. 117.

Northern Brazil

LEPTOCORYPHIUM Nees

Leptocoryphium lanatum (R. et Sch). Nees. Agrostogr. bras. 84.

Milium lanatum Rom. et Schult. Mant II 322.

Surinam: HOSTMANN 639a ex Doll l. c. 122

ERIOCHLOA Kunth.

Eriochloa punctata (Lam) Hamilton Prodr. 5.

Agrostis punctata Lam Enc. méth. I. n. 17

Paramaribo, Oude Rijnweg KEGEL 399 (fl. Aug); near plant. Tourtonne: KEGEL 839 (fl. March).

Paramaribo: VERSTEEG 491 (fl. July).

Lower Commewyne River near plant. Rust en werk: SPLITGERBER 571.

H L B 904, 308--5, 6, 7, 130 (fl. Febr.)

Surinam: Dr VOLTZ

Brazil and Guyana

var. γ . **cognata** (Steud.) Döll l. c. 125.

Helopus cognatus Steud. Syn 100

Surinam: HOSTMANN 319 ex Steud. l. c.

Brazil, Guyana.

PANICUM Linn.

Panicum sanguinale Linn. spec. plant. Ed. I. 57 n. 8.

Upper Commewyne district near plant. Lustrijk · SPLITGERBER 455
H. L. B. 904, 302—88, 89 (fl. Dec.)

Lower Commewyne: KAPPLER.

Surinam: SPITGERBER 294 and 431. H. L. B. 904, 302—96, 97, 100;
Dr. VOLTZ

All tropical South-America.

Panicum insulare (L.) Meyer Flora Esseq 60.

Andropogon insularis Linn Spec. plant. ed II 1480

Upper Commewyne near plantation Lustrijk. SPLITGERBER 449. H. L. B.
904, 308—66, 67, 68. (fl. Dec.)

Brazil, French Guyana

Panicum recalvum (Nees) Kunth Rev. Gram. I p. 39.

Trichachne recalva Nees Agrost bras. 88.

Surinam: WEIGELT (*Reimaria laxa* Reichenbach in Weigelt plant.
Surin.) ex Doll l. c. 138

Brazil.

Panicum colonum Linn Spec. plant. Ed. II. 84.

Upper Commewyne district near plant Lustrijk SPLITGERBER 340.
H. L. B. 904, 302—52, 103, 104 (fl. Dec.)

Surinam ex Herb. de Vriese No. 47. H. L. B. 904, 302—106,
HOSTMANN 284. H. L. B. 903, 322—41.

All tropical and sub-tropical countries.

Panicum spectabile Nees. Agrost bras. 262.

Lower Surinam River near plant. Jagtlust. SPLITGERBER 416. H. L. B.
904, 302—107 (fl. Dec.)

Surinam ex Herb de Vriese n°. 86 H. L. B. 904, 302—105, HOSTMANN
H. L. B. 903, 322—77, FOCKE 116, 201, 527, 610: KEGEL and WEIGELT
ex Doll l. c. 145.

Vernacular name Paardengras.

Brazil and Guyana, introduced.

Panicum loliaceum Lam. Illustr. I. 170 n. 880.

Lawa River near Cottica. VERSTEEG 314 (fl. Octob.)

Surinam: HOSTMANN H. L. B. 903, 322—58, WEIGELT H. L. B. 904,
308—69 (= *Oplismenus loliaceus* H. B. K)

Brazil, Guyana.

Panicum compositum Linn. Spec. plant. I 57.

Upper Nickerie River: TULLEKEN 425 H. L. B. 903, 322—1576.
(fl. Sept.)

Surinam WEIGELT ex Doll l. c. 148.

Tropical South-America.

Panicum imberbe Poiret. Enc. méth. Suppl. IV 272

Surinam KAPPLER 1512, WULLSCHLAGEL ex Doll l. c. 158.

All tropical South-America.

Panicum macrostachyum (H. B. K.) Döll l. c. 166.

Setaria macrostachya H. B. K. Nov. gen. et Spec. I. 110.

Para district near Ononbo SPLITGERBER 641. H. L. B. 904, 308—137, 138 (fl. March)

Surinam: KAPPLER ed. Hohenacker 1411; HOSTMANN 21. (= *Panicum amplifolium* Steud. Syn. 51); WULLSCHLAGEL 609 ex Doll l. c. 167.

All tropical South-America.

Panicum loliiforme Hochstetter in plant. Hostmannianae n°. 1071.

Surinam: HOSTMANN 1071, WULLSCHLAGEL 600 ex Doll l. c. 174.

Northern Brazil.

Panicum echinolaena Nees. Agr. Bras. 128.

Surinam: HOSTMANN ex Doll l. c. 180

Brazil, Guyana

Panicum appressum Lam. Illustr. 176. n°. 929.

Surinam: HOSTMANN 283 ex Döll. l. c. 185.

Tropical America.

Panicum molle Swartz Prodr. 22.

Para district: SURINGAR H. L. B. 904, 308—70 (fl. Jan.)

Brazil.

Panicum numidianum Lam. Illustr. 902

Surinam: WULLSCHLAGEL 594 ex Doll l. c. 189.

Vernacular name Paragras

Tropical South-America, Guyana

Panicum fistulosum Hochstetter in Kappleri plantae surinamenses n°. 1434.

Surinam: KAPPLER 1434

Panicum chloroticum Nees. Agr. bras. 164.

Surinam: KAPPLER 816 ex Döll l. c. 198.

Brazil.

Panicum megiston Schultes Mant II 248 n°. 95a.

Upper Marowynne River near Poeloegoedoe. VERSTEEG 609. (fl. July)

Lower Nickerie River. TULLEKEN 528 H. L. B. 903, 322—937 (fl. Octob.)

Surinam ex Herb. de Vriese 214 H. L. B. 904, 308—94. FOCKE

108, 117, 501; Dr. VOLTZ, HOSTMANN H. L. B. 903, 322—191.

Brazil, Guyana.

Panicum latifolium Linn. Sp. Plant. Ed. I. p. 58.

Upper Commewyne River near plant. Lustrijk SPLITGERBER 446.
H L. B 904, 308—56, 57, 58, 59, 53, 54, (fl. Dec.)
Tropical South-America.

Panicum stoloniferum Poiret Enc méth Suppl. IV 1
Paramaribo: SPLITGERBER 1190. H. L. B. 904, 308—60, 61, (fl. May);
Focke 768 (fl April)
Para district SPLITGERBER 668 H L B. 904, 308—86 (fl. March)
Surinam: Hostmann and Kappler 103 ed Hohenacker. (*Panicum frondescens* Meyer in sched), Kappler 1500 ex Doll l c. 210; Weigelt
H L. B 904, 308—48 (*Panicum brachyclados* Rchb in sched)
Tropical America.

Panicum pilosum Swartz Prodr. 22
Paramaribo TULLEKEN 110 H. L. B 903, 322—1464 (fl. Aug.)
Santigron WENT 202, (fl Aug)
Upper Saramacca River. PULLE, (fl Jan)
Upper Commewyne district near plant Canawappibo SPLITGERBER
312 H L B 904, 308—78, 79, 80, 81 (fl March).
Surinam: KAPPLER 1621 ex Steud; Weigelt ex Doll l. c. 212.
Tropical South-America.

Panicum laxum Swartz Prodr. 23.
Surinam WEIGELT H. L. B. 904, 308—42, KAPPLER 1523 (= *Panicum ramuliflorum* Hochst in Kappler's plant. Surin ed. Hohenacker) ex
Doll l. c. 213
Tropical South-America

Panicum multiflorum Poiret Enc méth. Suppl. IV. 282
Para district WULLSCHLAGEL 1616 ex Doll l c. 215.
Surinam KAPPLER 816.

Panicum cayennense Lam Illustr. 908.
Para district, Savanne Kompas. WENT 370 (fl Sept.)
Para district near Onoribo. SPLITGERBER 681 H. L. B. 904, 308—49,
50 (fl. March).
Joden savanne SPLITGERBER 962. H. L. B. 904, 308—83, 84, 85. (fl. May)
Brazil and Guyana

Panicum zizanoides H. B. K. Nov. gen. et spec. I. 100
Surinam Hostmann and Kappler 114,, Weigelt 285, KEGEL 412; ex
Doll l. c. 229
Brazil.

Panicum amplexicaule Rudge Pl. Guyan. I. 21 t. 27.
Paramaribo. KEGEL 957 (fl. July.)
Para district SURINGAR. H. L. B 904, 308—8. (fl. Jan.)

Paulus-kreek · FOCKE 1404 (fl. Sept.)

Lower Commewyne near plant. Maastroom FOCKE 840. (fl. Octob.)

Upper Commewyne district near plant. Lustryk SPLITGERBER 420

H. L. B. 904, 308—71, 72, 73 (fl. Dec.)

Surinam. KAPPLER 441 (= *Sporobolus villosus* Hochstetter in Kappleri plant. Surin) ex Doll l. c. 243; WEIGELT ex Doll l. c. 234.

Tropical South-America.

***Panicum augustissimum* Hochstetter** in Kappleri plant Surin 1499.

Para district. KAPPLER 1499 ex Doll l. c. 236

Southern Brazil.

***Panicum trichanthum* Nees** Agr. bras 210

Surinam. KAPPLER ed Hohenacker 1560 ex Doll l. c. 248

Northern Brazil.

***Panicum micranthum* H. B. K.** Nov. gen. et spec. 105

Surinam. HOSTMANN and KAPPLER ed Hohenacker 477, WULLSCHLAGEL

597, 1613, 1624 ex Doll l. c. 252

***Panicum rugulosum* Trinius** Diss. II 195.

var *γ subvelutinum* Doll l. c. 259

Para district WULLSCHLAGEL 1612 ex Doll l. c.

***Panicum parvifolium* Lam.** Enc. IV 2. p. 742

Surinam River near Joden Savanne SPLITGERBER 960. H. L. B. 904, 308—76, 77 (fl. Apr.)

Surinam. WULLSCHLAGEL 587 ex Doll l. c. 262

Brazil, Guyana.

***Panicum nervosum* Lam.** Enc. méth. IV. 747.

Para district near plant Berlijn. WENT 384 (fl. Sept.)

Surinam FOCKE 522, SPLITGERBER 463. H. L. B. 904, 308—92; HOSTMANN. H. L. B. 903, 322—55.

Saramacca River near Saron KEGEL 1265 ex Doll l. c. 262.

Northern Brazil.

ICHNANTHUS Pal. de Beauv.

***Ichnanthus panicoides* Pal. de Beauv.** Essay 57. tab. XII. fig. 1.

Para district SPLITGERBER 1071. H. L. B. 904, 308—65 (fl. May)

Northern Brazil, Guyana

***Ichnanthus pallens* (Sw.) Döll.** l. c. 290.

Panicum pallens Swartz. Prodr. 23

Para district near Onoribo SPLITGERBER 652. H. L. B. 904, 308—75, 74, 95, (fl. March).

Sara-kreek near placer l'Union. WENT 517 (fl. Octob.)

Upper Nickerie near Fallawatra TULLEKEN 463. H. L. B. 903, 322—1547 (fl. Sept.)

Surinam. FOCKE 341 H. L. B. 904, 308—47.

Ichnanthus brevirostris Döll l. c. 294

Para district WULSCHLÄGEL 1148 ex Döll l. c.

Brazil

CENCHRUS Linn

Cenchrus viridis Sprengel Syst. veg. I 301.

Upper Saramacca. PULLE 173 (fl. Jan.)

Surinam. HOSTMANN 12a, 939 H. L. B. 903, 322—51; WEIGELT ex Döll. l. c. 310.

Cenchrus echinatus Linn Spec. plant. ed. 1. II 1150

Paramaribo, laan van Tourtonne. TULLEKEN 37. H. L. B. 903, 322—1290 (fl. July)

Paramaribo. WENT 99 (fl. Aug.)

Cottica district near plant. Badenstein. SPLITGERBER 778. H. L. B. 904, 302—55, 56, (fl. Apr.)

Surinam. WEIGELT. H. L. B. 904, 302—58. (= *Cenchrus pungens* H. B. K. in schedul.)

Tropical South-America

STENOTAPHRUM Trinius

Stenotaphrum glabrum Trin. Gram. panic. p. 60.

var. *a. americanum* (Schränk) Döll l. c. 300.

Stenotaphrum americanum Schränk Hort. Monac. 98.

Lower Surinam River. SPLITGERBER 785 H. L. B. 904, 308—150 (fl. Apr.)

Lower Commewyne River near plant. Rust en Werk. SPLITGERBER 573. H. L. B. 904, 308—151. (fl. Febr.)

Surinam. HOSTMANN H. L. B. 903, 322—166; WEIGELT ex Döll. l. c. 301.

All South-America.

OLYRA Linn

Olyra latifolia Linn. Amoen. acad. t. V. p. 408.

Lower Surinam River near plant. Jagtlust. FOCKE 483, WENT 48 (fl. Aug.)

Para district. SURINGAR H. L. B. 904, 308—23 (fl. Jan.)

Upper Saramacca. PULLE 164. (fl. Jan.)

Lower Nickerie. TULLEKEN 404 H. L. B. 903, 322—1514. (fl. Aug.)

Surinam. SPLITGERBER 235. H. L. B. 904, 308—32, 33 (fl. Dec.)

var. *β. pubescens* (Raddi) Döll. l. c. 316.

Olyra pubescens Raddi Agr. bras. 18.

Sara-kreek near placer l'Union. WENT 510 (fl. Octob.)

Para district HOSTMANN and KAPPLER ed. Hohenacker 863 (= *O. surinamensis* Hochst. in sched.)

Upper Surinam River near Bergendal· FOCKE 358. (fl Sept.).

Upper Nickerie River near Blanche Marie fall· TULLEKEN 327, H. L. B. 903, 322—1059. (fl Sept)

***Olyra cordifolia* Willd. herb. 171046.**

Para district· SPLITGERBER 986 H. L. B. 904, 308—20, 21, 22 (fl Dec)

Surinam FOCKE 107

Tropical South-America.

***Olyra scabra* Nees Agrost. brass 306**

Paramaribo· WULLSCHLAGEL ex Doll l. c. 318

Brazil.

***Olyra micrantha* H. B. K. Nov gen et spec I. 199.**

Upper Surinam River near Blauwe Berg· SPLITGERBER 913. H. L. B. 904, 308—24, 25, 26, 29

Upper Coppename River. BOON 1019, 1214 (fl Sept-October.)

Upper Nickerie River. TULLEKEN 390. H. L. B. 903, 322—1092 (fl. Sept)

Tropical South-America.

***Olyra obliquifolia* Steud. Syn 36.**

Surinam· KAPPLER 1472 (= *O. longifolia* Hochst) ex Steud. l c

***Olyra dimidiata* Hochst in plant. Hostmann.**

Surinam HOSTMANN 786a ex Steud. Syn. p 36

***Olyra fasciculata* Trin. in Act Petrop 1835 p 113**

Para district· KAPPLER ex Döll. l c 324.

Brazil.

***Olyra longifolia* H B K Nov gen et Spec. I. 198.**

Surinam WULLSCHLAGEL 591, 1152, 1153 ex Doll l. c. 325.

PHARUS Linn

***Pharus scaber* H B. K Nov gen et spec I 196**

Surinam· SPLITGERBER 154. H. L. B. 902, 23—448, 449, 450. (fl Nov.),

WEIGELT. H. L. B. 902, 23—447; HOSTMANN. 410; HOSTMANN and

KAPPLER ed Hohenacker 410; HOSTMANN H. L. B. 903, 322—331.

var. β ***pictus* Döll. l. c. 21.**

Para district. WULLSCHLAGEL ex Doll l. c., SPLITGERBER H. L. B. 902,

23—451, 452, named. *Pharus vittatus* v. Houtte. (*Ph. scabri* var.)

Brazil, Guyana

ORYZA Linn.

***Oryza sativa* Linn. Sp. pl. ed. I 333**

Surinam SPLITGERBER 1067. H. L. B. 902, 23—331, 346; HOSTMANN 833; HOSTMANN H. L. B. 903, 322—189, HOSTMANN and KAPPLER ed. Hohenacker 1195, (*Oryza glumaeapatula* Steud Syn 3.)
Cultivated.
Vernacular name: Rijst.

ARISTIDA L

Aristida capillacea Lamarck Ill. gen. 156 n°. 777
Para district SPLITGERBER 1077 H. L. B. 904, 302—18, 20. (fl. Jun.),
HOSTMANN and KAPPLER ed Hohenacker 1024
Brazil, Guyana
Aristida tinctoria Trin. et Rupr. in Act. Petrop. 1849 p. 111
Surinam WULLSCHLÄGEL 603 ex Doll Fl. Bras. II 3. p. 17.
Para district SPLITGERBER 701. H. L. B. 904, 302—26 (fl. March.)
Brazil, French Guyana.

SPOROBOLUS Brown

Sporobolus virginicus (L.). Kunth Rev. Gram. I. 68.
Agrostis virginica L. spec. plant. Ed. I. 63 n°. 11
Lower Surinam River near plant. Morgenstond SPLITGERBER 1079
H. L. B. 904, 308—146, 147, 148 (fl. Jan.).
Saramacca River near Maripaston KEGEL 212 (fl. May)
Surinam Dr. VOLTZ, WULLSCHLÄGEL 893 ex Doll I c. 31.
All tropical and subtropical South-America
Sporobolus villosus (Spreng.) Kunth. Rev. Gram. I. 68.
Agrostis villosa Spreng. Suppl. in Syst. veget. 16 p. 5
Para district SPLITGERBER 1080. H. L. B. 904, 308—144, 145 (fl. May)
India.

CYNODON L. C. Richard.

Cynodon Dactylon (Linn.) Persoon Syn. I. 85
Panicum Dactylon Linn. Sp. plant. ed. I. 58.
Paramaribo: SURINGAR H. L. B. 904, 302—72 (fl. Jan.)
All tropical and subtropical countries.

SPARTINA Schreb

Spartina brasiliensis Raddi. Agrost. bras. 21.
Upper Commewyne district near plant. Lustryk: SPLITGERBER 369
H. L. B. 904, 308—143. (fl. Dec.)
Brazil.

CHLORIS Sw.

Chloris radiata (Linn.) Swartz Fl. Ind. occ. I. 201.

Agrostis radiata Linn

Lower Commewyne River near plant. Rust en Werk SPLITGERBER 566.

H L B 904, 302—62, 65, 68 (fl Febr)

Surinam. HB. v HALL in H L B 904, 302—67; leg OBERMÜLLER
misit ad Dr. Molkenboer H L. B. 904, 301—66

Brazil.

GYMNOPOGON Beauv.

Gymnopogon foliosus (Willd) Nees. Agrost bras. 426.

Chloris foliosa Willd. Spec. plant. IV. 924

Surinam HOSTMANN and KAPPLER ed Hohenacker 1003 (= *Chloris*
foliosa Willd in sched); WULLSCHLAGEL 1621 ex Doll. 1 c 83

ELEUSINE Gärtner

Eleusine indica (Linn) Gärtner De fruct. et sem I 8.

Cynosurus indicus Linn. Spec. plant. ed II. p. 106 n°. 8

Paramaribo, in the streets: WENT 100 (fl. Aug.), WENT 350 (fl. Octob.)

Near Paramaribo TULLEKEN 42. H. L. B 903, 322—1307, (fl. July)

Para district: SURINGAR H. L. B 904, 302—113 (fl Jan.)

Surinam SPLITGERBER 462 H. L. B. 904, 302—108, 109, 110.

Vernacular name, Mangras.

All tropical countries.

DACTYLOCTENIUM Willd

Dactyloctenium aegyptiacum (Linn) Willd. Enum. Hort Berol II 1029

Cynosurus aegyptius Linn. Spec. plant. II. 106 n°. 7.

Cottica district near plant. Badenstein. SPLITGERBER 792 H L. B.
904, 302—76, 81 (fl. April).

Lower Nickerie district: FOCKE 501 (fl May).

Surinam. HOSTMANN 177; HOSTMANN H L B 903, 322—156, WEIGELT
H L B 904, 302—83, FOCKE 11

All tropical and subtropical countries.

LEPTOCHLOA Trin.

Leptochloa virgata (Linn) Beauv. Essay 71

Cynosurus virgatus Linn Amoen. Acad V. 393.

Paramaribo: TULLEKEN 129. H L B 903, 322—1483 (fl Aug)

Surinam. HOSTMANN H. L. B 903, 322—127; WULLSCHLAGEL 1160
ex Doll. 1. c. 90.

Brazil, Guyana.

var. *β. mutica* (Steud) Doll 1 c. 91.

Leptochloa mutica Steud. Syn. 208 n°. 3.

Para district: KAPPLER 1553 ex Doll 1 c 91

GYNERIUM H. B. K.

Gynerium sagittatum (Aubl.) P. de Beauv. Essai 138

Saccharum sagittatum Aubl. Pl. Guyan 1 50

Paramaribo FOCKE 742. (fl. Sept.)

Upper Nickerie River TULLEKEN 422. H. L. B. 903, 322—1534.
(fl. Sept.)

Surinam SPLITGERBER 432. H. L. B. 904, 308—2, 3, 4. (fl. Dec.)

Venacular name. "Pijlgras" or "Wild Suikernet."

All tropical America.

ERAGROSTIS Host

Eragrostis mexicana (Lagasca) Link. Hort. Ber 190

Poa mexicana Lagasca gen. et spec. 3. n°. 40.

var. *a. genuina* Döll l. c. 143

Surinam WEIGELT ex Doll l. c.

Mexico

Eragrostis reptans (Michx.) Nees. Agrost. bras 514.

Poa reptans Michaux Flora bor. Amer 1 69.

Surinam SPLITGERBER 1018 H. L. B. 904, 302—121, 122 (fl. Dec.)

Brazil, Guyana.

Eragrostis poaeoides Pal. de Beauv. Essay 71 t. XIV

Para district. SURINGAR H. L. B. 904, 302—119. (fl. Jan.)

Eragrostis ciliaris (Linn.) Link. Hort. Berol 192.

Poa ciliaris Linn. Syst. X

Upper Surinam River FOCKE 1320 (fl. May)

Surinam HOSTMANN H. L. B. 903, 322—206; SPLITGERBER 284. H. L. B.
904, 302—115, 116, 117 (fl. Dec.); FOCKE 1273

Brazil, Guyana.

ORTHOCLADA P. de Beauv.

Orthoclada rariflora (Lamb.) P. de Beauv. Essay 69. t. XIV.

Panicum rariflorum Lambert Enc. méth. IV. 746. n°. 75.

Lower Surinam River near plant Jagtlust. WENT 97, (fl. Dec.)

Sara-kreek near placer l'Union WENT 516, (fl. Octob.)

Surinam SPLITGERBER 502. H. L. B. 904, 308—37, 38, 40; Hb. de
Vriese 175, 276, in H. L. B. 904, 308—39. Dr. VOLTZ; HOSTMANN;
HOSTMANN in H. L. B. 903, 322—154, 245; WEIGELT ex Doll l. c. 118.

Brazil, Guyana

PARIANA Aubl.

Pariana lunata Nees Agr. Bras 295

Gonini River. VERSTEEG 79, 190 (fl. Aug.)

Tapanahoni River: VERSTEEG 631 (fl. July)

Vernacular name: "Asmatoe pimpin"

Northern Brazil, French Guyana

Pariana inaequalis Miq in Kappl Plant Surin n° 1653.

Surinam HOSTMANN and KAPPLER 1653

Pariana radiciflora Sagot. mss

Lawa River: VERSTEEG 262, (fl. Octob.)

Para district SPLITGERBER 1054 H. L. B 904, 308—97, 98, 99 (fl. May)

Saramacca River KEGEL 1257 (fl. May).

BAMBUSA Schreb.

Bambusa vulgaris Schrad. in Wendl. Coll. pl. II. 26 t. 47.

Lower Surinam River near plant. Jagtlust SPLITGERBER 593, H. L. B
904, 302—36, 37

Surinam WEIGELT H. L. B 904, 302—33, 34 (*Bambusa arundinacea*
Schreb in sched.).

Cultivated; all tropical countries

GUADUA Kth.

Guadua Tagoara (Nees.) Kth Enum. I. 434

Bambusa Tagoara Nees Agr Bras 532

Upper Tapanahoni River. VERSTEEG 715 (fl. Sept)

Vernacular name "Bamboeasi Foetsch"

Northern Brazil, French Guyana

CYPERACEAE.

HYPOLYTRUM Rich.

Hypolytrum pungens Vahl Enum II 283

Surinam River, near Joden Savanne. KEGEL 203 and 1125

Surinam HOSTMANN 1213 and 1218

Guyana, Brazil.

Hypolytrum longifolium Nees Flora Bras II 1 p. 66

Surinam River: KEGEL 1094

Saramacca River, near Maripaston KEGEL 1330 and 1331

Guyana.

Hypolytrum silvaticum Pöpp. et Kth. in Kunth Cyp 270

Surinam River: KEGEL 1095

Brazil

Hypolytrum costatum Hackst in Steud. Syn 133

Surinam. HOSTMANN 1168

Hypolytrum amplum Pöpp et Kth in Kunth Cyp 272

Surinam KEGEL 208.

Amazon district.

CYPERUS Linn.

Cyperus flavescens Linn. Spec. pl. ed. I. p 46.

Upper Surinam River · FOCKE 1324.

Cosmopolitan.

Cyperus amabilis Vahl Enum II. 318.

Surinam River, Joden Savanne SPLITGERBER 958 H L B 902,
2—168, 169.

All tropical countries

Cyperus uncinatus Poir. in Lam Encycl. VII. p 247.

Para district, near plant. l'Inquietude FOCKE 1072

Surinam WEIGELT H L B 902, 2—385

All tropical countries

Cyperus simplex H B K. Nov. Gen et Spec. L 207

Paramaribo. FOCKE 1378.

Para district SPLITGERBER 1029 H L B. 902, 13—325.

Surinam. HOSTMANN 651; HOSTMANN H. L. B. 903, 322—217.

Tropical America

Cyperus diffusus Vahl Enum. II. 321.

Upper Surinam River WENT 503

Nickerie River TULLEKEN 320 H L B. 903, 322—1032, TULLEKEN
426 H L B 903, 322—1575

Surinam. FOCKE 733.

All tropical countries.

Cyperus surinamensis Rottb Decr Nov Pl. 35

Paramaribo, near Beekhuizen. KEGEL 94 and 401

Lower Surinam River, near plant Zwaarigheid. FOCKE 730 and FOCKE
152 H L B. 902, 13—367.Surinam SPLITGERBER 321 H L B 902, 13—366, WEIGELT H. L. B.
902, 13—461, named by Reichenbach: *Cyperus virens* Mchx, TUL-
LEKEN 32 H L. B. 903, 322—1287; HOSTMANN H L B. 903,
322—44.

Tropical America.

Cyperus Luzulae Retz Obs IV, p 11.

Marowyne River, near Albina VERSTEEG 6

Upper Litanie River: VERSTEEG 399.

Lower Surinam River: WENT 24 p. p

Paramaribo. SPLITGERBER 33 H. L B. 902, 9—417 and 418; KEGEL
330, TULLEKEN 58 H. L. B 903, 322—1337

Saramacca River WENT 191.

Surinam HOSTMANN 281, named *Cyperus Hostmanni* Steud, HOSTMANN
H L. B 903, 322—87 and 124, WEIGELT

Tropical America

Cyperus Haspan Linn. Spec. plant. 45

Paramaribo, near Poelephantje: KEGEL 15.

Surinam River, near Post Oranjewoud: FOCKE 731, named *Cyperus*
tenuicomus Mq. Linnaea XIX. 223

Upper Coppename River. BOON 1151

Surinam. HOSTMANN 111; HOSTMANN H. L. B 903, 322—239.

All tropical countries

Cyperus elegans L Spec. pl 45

Marowyne River, near Albina. WENT 450, VERSTEEG 36.

Paramaribo. WENT 323, near Beekhuizen. KEGEL 35.

Surinam River, near plant Gelderland · VOLTZ, TULLEKEN 154 H L. B
903, 322—1394.
All tropical countries

Cyperus Kappleri Hochst in plant Kappl
Surinam KAPPLER ed Hohenacker 1373.

Cyperus articulatus Linn. Spec. pl. 44.
Paramaribo · KEGEL 36, TULLEKEN 107 H L B. 903, 322—1461.
Lower Surinam River, near Jagtlust. SPLITGERBER 443 H L. B 902,
2—210
Surinam. WEIGELT H. L. B. 902, 2—205 named *Cyperus niloticus*
Forsk., HOSTMANN 432.

Cyperus rotundus Linn. Spec pl. 45
Paramaribo · KEGEL 403.
Surinam. NOLTE in Hb. Gotting, HOSTMANN 390, FOCKE 19 H. L. B
902, 13—238, 239.
Cosmopolitan

Cyperus sphacelatus Rottb. Descr Nov pl. 26
Paramaribo. KEGEL 318
Para district · SPLITGERBER 1186 H. L B 902, 13—327
Saramacca River. PULLE 424
Surinam. HOSTMANN H. L. B. 903, 322—42; VOLTZ.
All tropical countries

Cyperus giganteus Vahl. Enum pl. II. 364
Paramaribo: SPLITGERBER 88 H. L B. 902, 9—85, 86, KEGEL 37;
near Wanicapad: FOCKE 656, near Vredenburg: FOCKE 739.
Lower Coppename River: WENT 129.
Upper Coppename River: BOON 1032.
Surinam: WEIGELT H. L. B. 902, 83—410, named *Cyperus densiflorus*
Mey, HOSTMANN 469; HOSTMANN H L B 903, 322—248, Dr VOLTZ.
Tropical America.

Cyperus ligularis Linn. Amoen. Acad. V. 31
Paramaribo: KEGEL 322; TULLEKEN 35 H L. B 903, 322—1284.
Lower Surinam River WENT 24 p. p., Dr. VOLTZ.
Surinam SPLITGERBER 283 and 461 H. L. B. 902, 83—229, 230,
231 and 232.
All tropical countries.

Cyperus polystachyus R. Br. Prodr. p. 214.
Paramaribo: KEGEL 12 and 416.
All tropical countries

Cyperus ferax Rich Act. Soc. Hist. nat. Par. I. 106.

Paramaribo : KEGEL 85 , FOCKE 654.

Commewyne River, near plant Brouwerlust. SPLITGERBER 430 H. L. B. 902, 83—262.

Upper Saramacca River. PULLE 423

Surinam : HOSTMANN 503; HOSTMANN H. L. B. 903, 322—125, and 903, 322—84, Dr. VOLTZ

Cyperus (Mariscus) elatus Vahl. Enum. II. 374

Paramaribo · KEGEL 927

Surinam · FOCKE 102.

Tropical America.

KYLLINGIA Rottb**Kyllingia pumila** Michx Fl. Bor. Americ. p. 28

Surinam HOSTMANN 597.

Tropical and sub-tropical America.

Kyllingia pungens Link. Hort. Berol I p 326.

Surinam · HOSTMANN 280 and HOSTMANN H. L. B. 903, 322—43 ;

WEIGELT named *Kyllingia vaginata* Reuchb

Tropical America.

Kyllingia brevifolia Rottb Descr. nov. pl. 13. t. IV. f. 3.

Paramaribo : FOCKE 653, KEGEL 382 ; KEGEL 20 ,

Surinam · H. L. B 902, 82—71.

All tropical countries

FUIRENA Rottb.**Fuirena umbellata** Rottb Descr. nov. pl. 70 t. 19 f. 3.

Paramaribo · VERSTEEG 490.

Surinam HOSTMANN ed. Hohenacker 1502, FOCKE 103, Dr VOLTZ without number.

All tropical countries.

SCIRPUS Linn**Scirpus Reichenbachii** Böckel Linnaea XXXVI p. 737.

Surinam River, near Joden Savanne SPLITGERBER 957 H. L. B. 901, 332—39

Saramacca River, near Saron. KEGEL 1268, near Maripaston. KEGEL 643.

Surinam : HOSTMANN 170a named *Isolepis conifera* Kth and *Isolepis culifolia* Steud. Syn. p 99; WEIGELT H. L. B. 901, 332—33 named *Fimbristylis conifera* Reuchb

Brazil, British Guyana, St. Domingo.

Scirpus paradoxus (Kth.) Böckl. Linnaea XXXVI 739*Isolepis paradoxa* Kth. Enum. 206.

Surinam HOSTMANN 532

Brazil, Venezuela.

Scirpus vestitus Reichb in Weigelt pl. Surin.

Surinam WEIGELT

Brazil, Mexico

Scirpus junciformis Poir Encycl. Suppl. V. 105.

Paramaribo· SPLITGERBER 1011 H L B 902, 86—460.

Para district. SPLITGERBER 632 H. L. B 902, 86—459 and 655 H L. B.
902, 86—461.

Surinam River, near Saron: KEGEL 1270, near Maripaston. KEGEL 1481.

Surinam· WEIGELT H. L. B. 901, 332—29 named *Isolepis junciformis*
H B. K.

Guyana, Brazil, Venezuela, Mexico.

Scirpus capillaris Linn Spec pl. ed II p 73.

Upper Tapanahoni River. VERSTEEG 776

Surinam River, near Joden Savanne. KEGEL 1106.

Para district· FOCKE 1071, near Onoribo. FOCKE 903.

Surinam· WEIGELT H. L. B 901, 332—35 named by Reichenbach.

Scirpus tenuifolius Rudge.

All tropical America

Scirpus circinatus Böckel. Linnaea XXXVI p. 762.

Surinam ex Bockel l c 763

Brazil, Venezuela, British Guyana.

FIMBRISTYLIS Vahl.**Fimbristylis diphylla Vahl.** Enum. II 289

Paramaribo: KEGEL 10 and 417

Surinam River, near plant. Morea· Dr VOLTZ without number

Para district, near Osembo FOCKE 592.

Surinam: FOCKE 104

Cosmopolitan.

Fimbristylis ferruginea Vahl. Enum. II. 291

Nickerie. TULLEKEN 298 H L B 903, 322 1081

Surinam. HOSTMANN H. L. B. 903, 322—40; WEIGELT H. L. B 902,
77—415.

All tropical countries.

Fimbristylis spadicea Vahl Enum. II 294

Paramaribo, near plant Clevia: KEGEL 1018; WENT 349.

Tropical and sub-tropical America.

Fimbristylis autumnalis Röm et Schult. Syst. II 97.

Paramaribo: KEGEL 418.

America.

HELEOCHARIS R. Br.

Heleocharis retroflexa (Poir.) Urb. Symbolae Antillanae II p 165.

Scirpus retroflexus Poir. in Lam Encycl. VI. p. 753.

Surinam: HOSTMANN and KAPPLER 1856

All tropical countries.

Heleocharis ochreatea Nees. Linnaea IX. p. 294.

var. β . **flaccida** Böck. Linnaea XXXVI p. 437

Surinam. WEIGELT named *Scirpus flaccidus* Reichenb.

Cottica district. FOCKE 245 named by Miquel, Linnaea XIX. p. 225

Eleocharis capitata R. Br.

Tropical America.

Heleocharis sulcata Nees Flora Bras. II. I p. 98.

Surinam: HOSTMANN 443 and 1004

Tropical America

Heleocharis capitata R. Br. Prodr. 225

Paramaribo KEGEL 41, 360, 421 and 1205 VERSTEEG 514.

Commewyne River, near plant, Brouwerslust: FOCKE 734

Cosmopolitan

Heleocharis geniculata R. Br. Prodr. p. 224.

Surinam: KAPPLER 284a.

Tropical America.

Heleocharis mutata R Br Prodr. 224.

Commewyne River, near plant. Marienburg: SPITGERBER 480 H L. B. 902, 76—228.

Nickerie. TULLEKEN 299 H L. B. 903, 322—1084.

Surinam. HOSTMANN H. L. B. 903, 322—86; WEIGELT H. L. B. 902, 76—235

Tropical America

Heleocharis interstincta R Br. Prodr 224

Marowynne River, near Albina. WENT 481.

Paramaribo SPLITGERBER 111 H L B. 902, 76—182; KEGEL 207

Surinam. HOSTMANN 827a, 661, HOSTMANN H L B 903, 322—39

All tropical countries.

DICHROMENA Mich

Dichromena pubera Vahl Enum. II. 241.

Gonini River, VERSTEEG 155.

Surinam River, near plant Jagtlust · FOCKE 481

Paramaribo KEGEL 22, TULLEKEN H. L. B 903, 322—1349, VERSTEEG 487

Paradistrict FOCKE 99.

Surinam HOSTMANN 958; Dr VOLTZ without number; WEIGELT named

Dichromena leucocephala Reichb

Tropical America.

Dichromena ciliata Vahl Enum II. 241.

Para district SPLITGERBER 636 H. L. B 902, 76—10, FOCKE 1070

Coppename River. BOON 1152.

Nickerie River TULLEKEN 347 H. L. B 903, 322—1037

Tropical America.

RHYNCHOSPORA Vahl

Rhynchospora pterocarpa Röm et Schult. Syst. II. p. 891

Paramaribo KEGEL 463.

Para district, near plant. Berlijn · SPLITGERBER 703 H. L. B 902, 86—395; FOCKE 1065

Surinam · HOSTMANN 523; HOSTMANN H. L. B. 903, 322—137.

Tropical Brazil

Rhynchospora cyperoides Mart in Denkschr Acad Munch VI 149

Para district, near Post Republiek TULLEKEN 234 H. L. B 903,

322—1433, near plant Berlijn FOCKE 1068 and 909, near Onoribo ·

SURINGAR H. L. B 904, 208—48.

Surinam River, near Joden Savanne. KEGEL 1119.

Surinam HOSTMANN 1193

Tropical America and Africa.

Rhynchospora setacea (Berg) Böckl Linnaea XXXVII p. 559

Paramaribo · KEGEL 419 and 461.

Tropical America.

Rhynchospora distans Vahl Enum. II 235.

Paramaribo. SPLITGERBER 1189 H. L. B 902, 86—292.

Surinam River, near Joden Savanne KEGEL 1115.

Surinam: HOSTMANN 175a

Tropical and sub-tropical America.

Rhynchospora glauca Vahl Enum. II. 233.

Para district, near Koffiedjampo KEGEL 664, near Onoribo; FOCKE 908.

All tropical countries

Rhynchospora hispidula Böckl. *Linnaea* XXXVII p 604.

Surinam ex Böckl. l. c. 605.

Portorico, French Guyana.

Rhynchospora tenuis Link *Jahrb.* III. p. 76.Surinam · WEIGELT named *Scleria* (?) *Schoenima Reichenb.*

Tropical America

Rhynchospora aurea Vahl *Enum* II 229.

Marowyne River near Albina WENT 477.

Lower Surinam River, near plant Jagtlust SPLITGERBER 418 H. L. B. 902, 86—265; near Post Oranjewoud · FOCKE 154 H. L. B. 902, 86—266

Paramaribo, near Beekhuizen KEGEL 671

Saramacca River, near Groningen : Dr. VOLTZ.

Surinam. HOSTMANN 840, HOSTMANN H. L. B. 903, 322—187; FOCKE 118.

All tropical countries.

Rhynchospora cephalotes Vahl. *Enum* II 237.

Paramaribo. KEGEL 398, TULLEKEN 115 H. L. B. 903, 322—1469, WENT 542.

Para district FOCKE 1061, 'near Onoribo. SURINGAR H. L. B. 904, 208—47, near Savanna Kompas WENT 402

Surinam River, near Bergendal FOCKE 363.

Coppename River BOON 1256.

Nickerie River · TULLEKEN 453 H. L. B. 903, 322—1589.

Surinam DUMORTIER, HOSTMANN 578a

Brazil, Guyana.

DISPLASIA Rich**Displasia karataefolia Rich** in *Pers. Syn.* I. 70

Lawa River, near Poeloegoedoe. VERSTEEG 636

Gonini River · VERSTEEG 245.

Para district near Onoribo · FOCKE 1059

Surinam River : KEGEL 207, near Geyersvlyt. KEGEL 1217.

Saramacca River. KEGEL 1480, PULLE 56

Coppename River · BOON 1180.

Nickerie River · TULLEKEN 355 H. L. B. 903, 322—1228; TULLEKEN 406 H. L. B. 903, 322—1512, TULLEKEN 448 H. L. B. 903, 322—1561.

Surinam HOSTMANN 102.

Tropical America

CALYPTROCARYA Nees.**Calyptrocarya monocephala Hochst** in *Plant Kappl. Surinam.*

Surinam. KAPPLER ed. Hohenacker 1423

Calyptracarya fragifera Nees. ex Kunth Enum. III. 364.

Surinam. WEIGELT.

Brazil, Guyana, Domingo

Calyptracarya longifolia Kth. Enum II. 365.

Lawa River VERSTEEG 346

Surinam HOSTMANN 509, 1077; FOCKE 1073

Guyana

Calyptracarya Pöppigiana Kth Enum. II, 364.

Surinam WEIGELT

Columbia, Guyana

DIPLACRUM R. Br

Diplacrum longifolium (Griseb.) C B Clarke Symb. Antill II. 153

Pteroscleria longifolia Griseb. Flora Br West Ind Islands. 579.

Paramaribo. KEGEL 654 and 1042.

Surinam River, near Joden-Savanne: KEGEL 1116 and 1117.

Trinidad

HOPPIA Nees.

Hoppia microcephala Böckl. Flora 1871 p. 37

Lower Surinam River: KAPPLER ed Hohenacker 1849.

Surinam River, near Blauwe Berg SPLITGERBER 910 H. L. B. 902, 88—68

Sara-kreek. WENT 508

Surinam HOSTMANN 458.

CRYPTANGIUM Schrad

Cryptangium leptocladum Böckl Linnaea XXXVIII p. 420.

Para district, near plant 'Inquietude' FOCKE 453.

Saramacca River, near Maripaston. KEGEL 1314.

Surinam HOSTMANN 238, named *Scleria Hostmanniana* Steud Syn 178

and *Scleria stricta* Kth, FOCKE 200 named *Scleria Kunthii* Miq

Sert Exot 4 t 2; WEIGELT, named *Fusrena verticillata* Reichenb

Amazon-district

LAGENOCARPUS Nees

Lagenocarpus tremulus Nees. Flora Bras II 1 p 168.

Saramacca River, near Saron: KEGEL 1263

British Guyana

SCLERIA Berg

Scleria hirtella Swartz. Flor Ind. Occ. I. 93.

Surinam. KAPPLER ed Hohenack 1557.

Tropical America and Africa.

Scleria verticillata Willd Spec pl. IV. 317

Surinam KAPPLER 437a.

Tropical America and Africa.

Scleria malaleuca Schlechtd. et Cham. in Linnaea VI p. 29.

Lower Surinam River, near plant Jagtlust. SPLITGERBER 393 H L B 902, 94—331

Paramaribo, near Poelepantje KEGEL 17

Surinam FOCKE 115, WEIGELT

Tropical America.

Scleria stipularis Nees. in Hook Journ of Bot II 394

Lawa River, near Poeloegoedoe VERSTEEG 628

Para district FOCKE 1075, near plant. Berlyn SPLITGERBER 742 H L B 902, 94—373

Scleria Martii Steud. Synops. 171

Paramaribo, near Beekhuizen KEGEL without number

Surinam HOSTMANN and KAPPLER ed Hohenacker 1171, named

Scleria pyramidalis Hochst

Brazil

Scleria secans (Linn.) Urb. Symb. Antill II. 169*Schoenus secans* Linn. Syst. X. ed. II p 865

Gonini River VERSTEEG 238.

Paramaribo SPLITGERBER 1070 H L B 902, 94—338, SPLITGERBER 182 H L B 902, 94—264; KEGEL 23

Saramacca River, FOCKE 332

Surinam ROLANDER ex Bockel. l c 502

Vernacular name: "Baboen-nefi"

Brazil

Scleria reflexa H B K Nov Gen and Spec I 232Surinam HOSTMANN 837, WEIGELT named *Scleria Flagellum Reichenb.*

Tropical South-America.

Scleria bracteata Cavan Icon. V. 34 t 457Para district, near Onoribo: SPLITGERBER 690 H. L B 902, 94—237.
Tropical America**Scleria microcarpa Nees. Linnaea IX 302.**

Para district FOCKE 1069, near Onoribo FOCKE 910

Surinam WEIGELT H L B. 902, 94—336 named *Scleria ovuligera Reichenb.***Scleria mitis Berg in Vet. Akad. Handl. Stockh. XXVII 145.**

Marowynne River, near Albina. WENT 451; VERSTEEG 3

Paramaribo: WENT 545.

Para district, near plant. Berlijn SPLITGERBER 742 H L. B. 902,
94—305.

Surinam WEIGELT named *Scleria latifolia* Swartz.

Tropical America

Scleria arundinacea Kunth. Enum. Pl. II. 347.

Paramaribo KEGEL 702

Para district. KAPPLER ed. Hohenacker 1470 named *Scleria Kap-
pleriana* Hochst, near Onoribo: FOCKE 585 named *Scleria grandiflora*
Miq. Linnaea XIX p 230.

Surinam. NOLTE in Hb. Götting.

Guyana, Martinique.

Scleria cymosa (Brongn.) Böck in Vidensk. Meddel Kjob (1869) p. 155

Becquerehia cymosa Brongn. in Duperrey Voy. Coq II p 161. t 27

Surinam KEGEL 1092

Columbia, Brazil

PALMAE

MAURITIA Linn. f.

Mauritia flexuosa Linn. f. Suppl. 454

Surinam SPLITGERGER 519 H L B 900, 181—107

Very common in swamps and on riversides in the colony, especially in the eastern part.

Vernacular name Maurisie.

MANICARIA Gärtn.

Manicaria saccifera Gärtn. Fruct et Sem. II 468, t 176.

Saramacca River. SPLITGERBER 826 H L B. 900, 181—101

Common along the lower rivers

Vernacular name Troelhepalm.

GEONOMA Willd.

Geonoma multiflora Mart Palm Bras 7 t 4, 5, et 6.

Lawa River near Cottica Mountains. VERSTEEG 333 (fl Nov.)

Upper Tapanahonie River VERSTEEG 806 (fl. Aug)

Upper Surinam River, near Blauwe Berg SPLITGERBER 954 H L B 900, 181—10

Vernacular name "Taspalm", or "Tas-tikie"

Geonoma baculifera Kunth Enum plant III 233.

Lawa River near Cottica Mountains. VERSTEEG 322 (fl Nov)

Upper Surinam River, near Blauwe Berg. SPLITGERBER 926 et 647 H. L. B. 900; 181—3 and 4 (fl June)

Upper Nickerie River TULLEKEN 479 H L B 903, 322—1016 (fruct Sept.), near Fallawatra TULLEKEN 447 H L B. 903, 322—1562

Surinam KEGEL; WULLSCHLÄGEL 1649 ex Drude Flora Bras. III. 2 pg 490

Geonoma platycaula Dr. et Trl. Flora Bras. III 2 pg. 490

In forests near Loanga: KEGEL ex Drude I c 491

Tropical and subtropical Brazil, Guyana

Geonoma Schottiana Mart. Palm. Bras Suppl p. 143 t. 11a

Upper Coppename River. BOON 1128 (fruct. Sept.)

Tropical and subtropical Brazil

All species of *Geonoma* are named „Taspalm” in the colony.

IRIARTEA Ruiz et Pav

Iriartea exorrhiza Mart Palm. Bras 36. t. 33 et 34

Upper Nickerie River TULLEKEN 397 H. L. B 903, 322—1121

Surinam. WULLSCHLAGEL ex Drude l. c. 539.

Common in swamps

Vernacular name. „Inje-pina.”

OREODOXA Willd.

Oreodoxa regia H B K. Nov. Gen. et Spec. I. 244.

Surinam SPLITGERBER 212 H. L. B 900, 181—125

Cultivated.

Vernacular name „Koningspalm” or „Palmet”.

EUTERPE Mart.

Euterpe oleracea Mart. Palm Bras. 29 t. 28, 29, 30.

Surinam SPLITGERBER 318 H. L. B. 990, 171—506.

Very common on wet spots and in swamps along the lower and upper rivers

Vernacular name: „Pina”, or „Palisade”.

OENOCARPUS Mart.

Oenocarpus Bataua Mart. Palm Brasil. 23 t. 24 et 25

Upper Coppename River BOON 1194.

Vernacular name „Komboe” or „Patawa”.

Guyana and Amazon-district.

ELAEIS Jacq.

Elaeis guineensis Linn. Mant. 137.

Paramaribo. SPLITGERBER 467 H. L. B. 990, 171—492.

Cultivated

MAXIMILIANA Mart.

Maximiliana Maripa (Mart.) Drude l. c. 452.

Attalea Maripa Mart. Palmet. Orbign. 123

Very common in Surinam in forests KEGEL, SPLITGERBER near Paramaribo.

Vernacular name. „Maripa”.

COCOS Linn.

Cocos nucifera Linn. Fl. Zeylan. 391

Cultivated.

Vernacular name. Cocos.

Cocos flexuosa Mart. Palm Bras 120 t 64 et 86

Upper Tapanahoni River on mountains VERSTEEG 805 (fl. Aug)

As I have got one incomplete leaf, I am not quite sure about this species

ACROCOMIA Mart

Acrocomia sclerocarpa Mart. Palm. Bras. 66 t. 56 et 57

Paramaribo: KEGEL ex Drude l c 391

Tropical and subtropical Brazil

ASTROCARYUM Meyer.

Astrocaryum Paramaca Mart. Palmet. Orbign. 88.

Gonini River, in forests. VERSTEEG 189. (fl. Aug.)

Surinam SPLITGERBER 507 H L B 900, 171—54, named *Bactris paraensis* Splitgerber MSS.

Paramaribo. KEGEL, WULLSCHLÄGEL ex Drude l. c. p. 371.

Vernacular name "Paramaka".

Very common in forests in all Guyana

Astrocaryum sciophilum (Miq) Pulle

Bactris sciophila Miq Stirp Surin Select. p. 208

Upper Surinam River, near Blauwe Berg FOCKE 922.

Upper Coppename River BOON 1052, 1193 (fl. Aug)

This species is very closely allied to *Astrocaryum plicatum* Drude Flora Bras. III 2 pg 375, and differs from it by its glabrous perigone and cupule

Vernacular name. Pingo-maka.

Astrocaryum segregatum Drude Flora Bras. III 2 p 382

Paramaribo. KEGEL ex Drude l c 383.

Surinam FOCKE 1206, named by Miquel *A. aculeatum* Meyer, SPLITGERBER 60 H. L B 900, 171—38, named *Astrocaryum vulgare* Mart.?

Very common

Vernacular name. Awarra

BACTRIS Jacq

Bactris simplicifrons Mart. Palm. Bras. 103 t. 73

Surinam KEGEL ex Drude l. c 322.

All tropical South America.

Bactris pallidispina Mart Palmet Orbignian. 62.

Surinam KEGEL, SPLITGERBER ex Drude l. c 352

Amazon-district, Guyana

Bactris major Jacq Strep. Americ. 135 t. 263.

Surinam KEGEL ex Drude l. c 359.

All tropical and sub-tropical South-America.

Bactris minax Miq Strep Surin. Select. pg. 207.

Paramaribo. FOCKE 1212.

Vernacular name "Keesi-Keesi-Maka".

I do not know anything about the place of this species in the system as the specimen of Miquel in the Utrecht Herbarium is very incomplete

DESMONCUS Mart.

Desmoncus horridus Splitg et Mart Palmet Orbign 51.

Paramaribo KEGEL 100, SPLITGERBER 61 H. L. B 900, 171-47
and 48 (fl Nov)

Tropical Brazil, Guyana

Desmoncus riparius Spruce Palm Amazon 156

Upper Tapanahoni River VERSTEEG 911.

Vernacular name "Bamboesi Maka".

I am not quite sure about this species, as I have not seen the fruits

Desmoncus macroacanthus Mart Palm Bras. 86

Surinam FOCKE 400; WENT, without number

Para district, Guyana.

Desmoncus polyacanthos Mart Palm Bras. 85 t. 68.

Tapanahoni River VERSTEEG 684

Para district near Onoribo SPLITGERBER 657 H. L. B. 900, 171 480.

Surinam FOCKE 1094, named by Miquel. *Desmoncus surinamensis*
Miq. in schedul

Vernacular name: "Bamba-Maka"

All tropical and subtropical South-America

CYCLANTHACEAE.

CARLUDOVICA Ruiz et Pav.

Carludovica chelidonura Drude Flora Bras. III. 2 p. 238

Lawa River near Cottica VERSTEEG 337 (fl. Octob)

Tropical and subtropical Brazil

Carludovica sarmentosa Sagot Mss.

Cassapoere kreek KEGEL 1183 in Herb Götting (fl. Nov.)

Brazil, Guyana.

LUDOVIA Brogn.

Ludovia lancaefolia Brogn Ann Scienc nat. 4 serie 15, 16 p. 360.

Lawa River. VERSTEEG 268 (fl. Octob)

French Guyana.

ARACEAE

ANTHURIUM Linn.

Anthurium scandens (Aubl.) Engler Flora Bras III 2 p 78.

Dracontium scandens Aubl. Plant. Guyan II. 386

Para district SPLITGERBER 646 H L. B. 898, 87—391, 392

All tropical South-America.

Anthurium trinerve Miq Linnaea XVII p. 67

Upper Marowyne River. VERSTEEG 370 (fl. Octob.)

Lower Surinam River, near plant. Geversvlyt. KEGEL 721 (fl. Febr.)

Para district: NOLTE in Herb. Gotting, KAPPLER ed. Hohenacker 1498 (fl. Febr.)

Surinam: FOCKE 120 (fl. April), WULLSCHLAGEL 499 ex Engler l. c. 80.

Amazon-district, French Guyana

Anthurium gracile (Rudge) Engl in Engl Bot Jahrb XXV. 370 (non Lindl).

Pothos gracilis Rudge Guyan I 23 t 32

Lawa River, near Cottica VERSTEEG 349 (fl. Octob.)

In forests, near Joden Savanne. KEGEL 1211 (fl. Nov.)

Paramaribo. WULLSCHLAGEL 497, 498 p p.

Surinam: MENZE ex Engler l. c. 81; HOSTMANN, 362

Tropical South-America.

Anthurium scolopendrinum (Ham.) Kth Enum. pl. III. 68

Paramaribo. WULLSCHLAGEL 498 p p; HOSTMANN 358 ex Engler l. c. 82.

Surinam. HOSTMANN H. L. B. 903, 322—350

Northern Brazil, French Guyana.

var. β . **Poiteauanum** (Kth) Engl l. c. 82.

Anthurium Poiteauanum Kth. Enum III. 68

Lower Surinam River, near Poelepantje: KEGEL 720.

Brazil, French Guyana.

Anthurium Martianum C. Koch et Kolb. in Wochenschrift für Garten
1868. p 278.

Surinam ex Engler Monogr 335

Anthurium acaule Schott. Melet I 22.

Surinam River, near Plant. Zoelen SPLITGERBER 435 H L B 898, 87—290.

Paramaribo near Laan van Tourtonne. KEGEL 884 (fl. April).

West Indian Islands

Anthurlum pentaphyllum (Aubl.) Kth Enum III. 81.

Paramaribo: SPLITGERBER 141 H. L. B 898, 87—375.

Paramaribo, near Laan van Tourtonne. KEGEL 620 (fl. Aug.), 1209 (fl. July).

Paramaribo: WULLSCHLAGEL 1094 ex Engler l c 101

Lower Saramacca River: PULLE 62 (fl. Nov)

Upper Coppename River: BOON 1196 (fl. Sept.)

Surinam. HOSTMANN H L. B 903, 322—308.

RHODOSPATHA Pöpp.**Rhodospatha oblongata Pöpp** Nov. Gen. et Spec. III. (1845) p. 91.

Surinam: WULLSCHLAGEL ex Engler l c 106 (= *R. Surinamensis* Schott
in Bonplandia IX (1861) p 368.

Tropical Brazil.

MONSTERA Adans.**Monstera obliqua Miq** Linnaea XVIII p. 79.

Upper Gonini River VERSTEEG 251 (fl. Sept)

Upper Tapanahoni River, near Drie Tabbetje VERSTEEG 670 (fl. July).

Lower Surinam River, near plant. Jagtlust WENT 32 (fl. July), near
Vredenburg-kreek FOCKE 719 (fl. Octob)

Lower Saramacca River: PULLE 78 (fl. Nov) and 36 (fl. Nov)

Upper Nickerie River TULLEKEN 450 H L. B 903, 322—1516, and
486 H L. B 903, 322—1594 (fl. Sept.)

Surinam: HOSTMANN 171; WULLSCHLAGEL 1093 ex Engler l. c. 113.

Monstera pertusa de Vriese Hort Spaarnberg 1839.

Upper Gonini River VERSTEEG 104 (fl. Aug)

Upper Tapanahoni River: VERSTEEG 529 and 577 (fl. July)

Lower Surinam River, near Geyersvlyt. KEGEL 826 (fl. March).

Lower Surinam River, near Jagtlust: FOCKE 830 (fl. Aug)

Surinam: FOCKE 121 sub *M. Mulleriana* Schott; SPLITGERBER 51 H. L. B.
898, 89—134.

All tropical South-America

var *γ. laniata* Schott in Öst Botan Zeitschrift 1858 p 179

Para district, near Berlijn: WULLSCHLAGEL 1569 ex Engler l c 115.

Monstera dilacerata C Koch Ind. Sem Hort Berol 1855.

Surinam: KEGEL 236.

Costa Rica, British Guyana.

SPATHIPHYLLUM. Schott.**Spathiphyllum blandum Schott** in Oster. Botan. Wochenbl. 1857. p. 159.

Surinam ex Engler Monogr. 224.

Spathiphyllum Candolleanum Schott. Prod. 429

Surinam HOSTMANN 1154

French Guyana.

Spathiphyllum cuspidatum Schott in Ost. Botan. Wochenbl 1857
p. 158.

Surinam · SPLITGERBER ex Engler Monogr. p. 226.

British Guyana.

CYRTOSPERMA Griff.**Cyrtosperma americanum** Engl. Flora Bras. III. 2 p. 117.

Upper Tapanahoni River. VERSTEEG 864 (fl. Sept.)

French Guyana.

UROSPATHA Schott.**Urospatha Hostmanni** Schott in Bonpl. V p. 128.

Surinam HOSTMANN 34 in hb. Benth ex Engl. Monogr. p. 277.

DRACONTIUM Linn.**Dracontium polyphyllum** Linn. Spec. plant. I 967.*Dracontium surinamense* Hort.Lower Surinam River, near plant. Jagtlust SPLITGERBER 399 H L B
898, 88—447.

Surinam WULLSCHLÄGEL 1096

Cultivated in the East-Indies

Dracontium asperum C. Koch, in Ender. Ind. Ar. 44.

Upper Tapanahoni River VERSTEEG 823 (fl. Aug.)

Paramaribo, near Wanica pad: KEGEL 928 (fl. July)

Vernacular name "Sneki-Taja"

Northern Brazil.

MONTRICHARDIA Crüger**Montrichardia arborescens** Schott Arac. Betreff. p. 4

Upper Gonnim River: VERSTEEG 80 (fl. Aug.)

Lower Surinam River FÖCKE 277 and 1270 (fl. Octob.) = *Philodendron*
arborescens Kth. v. Miquel Linnaea XVIII (1844) p. 78

Para River, near Onoribo: TULLEKEN 210 H L B. 903, 322—1517.

var **β. aculeata** (Schott) Engl. Flora Bras. p. 128Lower Surinam River KEGEL 951 (fl. July); SPLITGERBER 53 H L B
898, 89—142; WEIGELT ex Engler l. c. 128

Very common in swamps, ditches on the riverside in stagnant water.

Vernacular name "Mokko-Mokko".

Tropical Brazil and Guyana.

Montrichardia Splitgerberi Schott in Bonpl. 1859 p 29
 Surinam SPLITGERBER ex Engler Mon p. 289.

PHILODENDRON Schott

Philodendron surinamense (Schott) Engl. Mon p 361.

Elopium surinamense Schott in Ost Botan Zeit 1865 p 35.

Surinam: KAPPLER in Hb. Rheno-Traject.

Philodendron Rudgeanum Schott. Syn. 78

Lower Surinam River, near plant Quarta: KEGEL 817.

Surinam. HOSTMANN 136 in herb Kew, PARKER, ex Engler Monogr
 p. 364.

Philodendron Linnaei Kth. Enum. III. 47.

Surinam: DALBERG in hb Vahl and in hb. Upsala ex Engler Monogr.
 367.

Northern Brazil.

Philodendron insigne Schott Syn 73.

Para River. WULLSCHLÄGEL 865 ex Engler Mon. 367.

Philodendron heterophyllum Pöpp. Nov gen et Spec. III. 86 t. 297

Lower Surinam River, near plant. Quarta KEGEL 850 (fl. March).

Northern Brazil, Peru.

Philodendron sphalerum Schott. Prodr. 235

Surinam SPLITGERBER ex Engler Mon. p. 374

Philodendron Splitgerberi Schott Prodr. 251.

Surinam: SPLITGERBER ex Engler Monogr. p 380

Philodendron fragrantissimum Kth. Enum III. 49

Upper Para River. WULLSCHLÄGEL 1567 ex Engler Monogr. p. 380.

British Guyana

Philodendron grandifolium Schott Melet I. 19

Paramaribo KEGEL 946 (fl July).

Para River, near Osembo · FOCKE

Venezuela, French Guyana.

Philodendron acutatum Schott. Syn 94

Paramaribo · WULLSCHLÄGEL 495 ex Engler Mon. 394.

Venezuela.

Philodendron laciniatum Engl. Flora Bras. III. 2 p. 163.

Para River · WULLSCHLÄGEL 1568 ex Engler l. c.

Northern Brazil

Philodendron squamiferum Pöpp Nov. gen et Spec. III. 87
Marowynne River · WULLSCHLÄGEL 1571 ex Engler Mon p. 417.

DIEFFENBACHIA Schott

Dieffenbachia Seguinæ Schott Melet I 20.

Tapanahoni River · VERSTEEG 667 (fl July)

Orellana-kreek. FOCKE 723 (fl Octob.)

Paramaribo SPLITGERBER 196 H. L. B. 898, 88—443.

Near plant Poelwijk SPLITGERBER 802, H. L. B. 898, 88—444.

Paramaribo TULLEKEN 54. H. L. B. 903, 322—1598 (fl. July)

Para River near Beekhuizen: KEGEL 919 (fl June).

Surinam HB VAN HALL H. L. B. 898, 88—287.

Vernacular name: »Donkè».

Tropical South-America

CALADIUM Vent.

Caladium bicolor Vent. Descript. Hort. Cels. t. 30

Tapanahoni River VERSTEEG 546 (fl July).

Paramaribo WENT 1. (fl. July).

Lower Saramacca River · PULLE 68 (fl Nov.)

Surinam HOSTMANN H. L. B. 903, 322—47.

forma 3. **rubicundum** Engl. Flora Bras p 181

Pietersburg. WULLSCHLÄGEL 503 ex Engl l c 182.

forma 35 **regale** Engl l c 185

Paramaribo FOCKE 1270 named *C. surinamense* Miq var. *immaculata*

Paramaribo KEGEL 1038 (fl Nov.); 835 (fl. March).

Vernacular name. »Jabba foetoe».

Tropical South-America

XANTHOSOMA Schott.

Xanthosoma conspurcatum Schott. Syn Aroid. 61.

Paramaribo · WULLSCHLÄGEL 501 ex Engler Monogr p. 482.

Xanthosoma helleborifolium (Jacq) Schott in Öster. Botan. Zeitschrift 1865 p. 33 emend. Engl. Monogr. p. 486.

Arum helleborifolium Jacq Icon. III t. 613

var. β **variegatum** (Schott) Engl. l c. 487.

Xanthosoma variegatum Schott in Öster. Botan. Zeitschrift. 1865 p. 33

Paramaribo: FOCKE 758; WULLSCHLÄGEL 1095 ex Engl. l. c 487.

Venezuela, Peru, Columbia

SYNGONIUM Schott

Syngonium affine Schott. Syn. Ar 67.

Upper Tapanahoni River. VERSTEEG 862 (fl Sept.)

Para district, near Beekhuizen : KEGEL 918.

Paramaribo : WULLSCHLÄGEL 504

Lower Commewyne River . FOCKE 390 (fl. Sept.)

Northern Brazil.

Syngonium Vellozianum Schott in Oster. Botan. Wochenblatt 1854
p. 418.

Surinam SPLITGERBER 406 H. L. B. 898, 90—248 (fl. Dec.)

Northern Brazil.

PISTIA Linn.

Pistia Stratiotes Linn. Fl. Zeylan. p. 152 n°. 322.

var: *γ. obcordata* (Hook) Engl. Fl. Bras. p. 214

Pistia obcordata Hook. Botan. Mag. t. 4564.

Paramaribo . FOCKE 820 named . *Pistia Horkeliana* Miq. in Linnaea
XVIII (1844) p. 81.

Paramaribo, near plant. Quarta : KEGEL 340.

Lower Surinam River, near plant Jagtlust . SPLITGERBER 1182 H. L. B.
898, 89—263

Surinam : SPLITGERBER 162 H. L. B. 898, 89—264, WEIGELT ex Engler
l. c. 635, named : *Limnonesis commutata* Klotzsch.

All tropical America.

LEMNACEAE

LEMNA Linn.

Lemna paucicostata Hegelm. in Flora Bras III 2 p. 20

Paramaribo · WULLSCHLÄGEL 505.

Surinam WEIGELT ex Hegelm l c

All tropical countries.

SPIRODELA Schleid.

Spirodela polyrrhiza (Linn.) Schleid Linnæa XIII 392

Lemna polyrrhiza Linn. spec 1377

Paramaribo · WULLSCHLÄGEL 1572, ex Hegelm. l c 22.

Cosmopolitan.

MAYACACEAE.

MAYACA Aubl.

Mayaca longipes Mart. Mss. in Herb ex Seubert Flora Bras. III. 1. p. 229.

Upper Litanie River on sand at the riverside: VERSTEEG 369 (fl Nov.)

Surinam: WULLSCHLÄGEL ex Seubert l c. 230.

Amazon-district.

XYRIDACEAE.

XYRIS Linn.

Xyris arenicola Miq. Linnaea XVIII p. 75 = *Xyris surinamensis* Miq.
in Linnaea XVII, p. 58

Paramaribo, near Poelephantje. SPLITGERBER 85 H. L. B. 905, 88—131
(fl. Sept)

Upper Surinam River. VERSTEEG 511 (fl. June); FOCKE 46.

Upper Nickerie River: TULLEKEN 368 H. L. B. 903, 322—111

Surinam HOSTMANN 424, HOSTMANN H. L. B. 903, 322—339.

Xyris savannensis Miq. Linnaea XVIII, p. 605.

Para district, near plant. Berlijn: FOCKE 1022 (fl. Sept)

Northern Brazil

Xyris laxifolia Mart. in Flora XXIV Beibl II 58

Paramaribo. SPLITGERBER 472 H. L. B. 905, 88—129. (fl. Jan)

Para district, near Onoribo: SPLITGERBER 658 H. L. B. 905, 88—130,

LANDRÉ H. L. B. 905, 88—128.

Tropical South-America.

Xyris tenella Kth Enum. Pl. IV. 9.

Para district in moist savannahs. SPLITGERBER 990. H. L. B. 905,
88—132 (fl. Apr)

Tropical Brazil.

ABOLBODA H. B. K.

Abolboda grandis Griseb. Linnaea XXI. p. 281.

Surinam River near Joden Savanne KEGEL 814 ex Griseb l. c.

Surinam HOSTMANN in herb. Rheno-Traject

ERIOCAULACEAE

PAEPALANTHUS Mart. (pro. p.)

Paepalanthus bifidus (Schräd.) Kth Enum plant. III (1841) 512.

Eriocaulon bifidum Schräd. in Rom. et Schult Mantissa II (1817) 468.

Gonini River. VERSTEEG 29 in moist savannahs (fl. Aug.)

Cottica River, near Post Belair. SPLITGERBER 1129 H. L. B. 903,
136—261 (fl. April)

Lower Saramacca River, near Maripaston. KEGEL 1475 (fl. May).

Surinam FOCKE 1382; HOSTMANN 823; ROLANDER, WEIGELT.

Tropical Brazil, Guyana

Paepalanthus subtilis Miq Stimp. Surin. p. 221.

Upper Surinam River, near Joden Savannah. FOCKE 1319 (fl. May)

Upper Surinam River, in Savannah Kompas WENT 367 (fl. Sept.)

Surinam WEIGELT named. *Eriocaulon atrophyllum* Reichb. mss. teste

Körnigke Flora Bras III. 1 p. 358, specimen in Hb. Lugd. Batav
without collectors name N^o. 903, 136—265

var. **hirsuta** Ruhl. in „das Pflanzenreich“ IV. 30 p. 157.

Lower Saramacca River, near Maripaston: KEGEL 1474 (fl. May).

Paepalanthus fasciculatus (Rottb.) Körn Fl Bras III. 1. p. 357

Eriocaulon fasciculatum Rottb Act litt Havn. I. 271.

Upper Tapanahoni River VERSTEEG 735 on rocks (fl. Aug.)

Surinam River, near Joden Savannah KEGEL 1198 (fl. Nov.)

Para district near plant Berlijn SPLITGERBER 702 H. L. B. 903,
136—306 (fl. March) WULLSCHLÄGEL ex Ruhland l. c. 160.

Surinam: FOCKE 127 H. L. B. 903, 136—212, HOSTMANN 591.

Amazon-district, Venezuela, French Guyana

Paepalanthus Lamarckii Kth Enum plant. III. 506.

Lower Surinam River near plant. Jagtlust FOCKE 480.

Paramaribo TULLEKEN 78 H. L. B. 903, 322—1357 (fl. July), KEGEL
301 (fl. Aug.)

Surinam River, near Joden Savannah KEGEL 1472 (fl. Nov.)

Upper Coppename River BOON 1154 (fl. Sept.)

Surinam FOCKE H. L. B. 903, 136—217, HOSTMANN 31, 977.
 Paramaribo WULLSCHLÄGEL ex Ruhland l. c. 161.
 Brazil, French Guyana, Venezuela

SYNGONANTHUS Ruhland

Syngonanthus simplex (Miq.) Ruhl. Pflanzenreich IV. 30 p. 248.

Paepalanthus simplex Miq. Stirp. Surin. Select. p. 222

Surinam River, near Joden Savannah KEGEL 231a. (fl. Nov.)

Para district, near plant Berlijn SPLITGERBER 733 H. L. B. 903,
 136—408 (fl. March)

Surinam: HOSTMANN 633, FOCKE 1066 = *Eriocaulon Hostmanni* Steud.
 in Syn. plant. Cyp II 281.

Venezuela

Syngonanthus eriophyllus (Mart.) Ruhl l. c. 249

Paepalanthus eriophyllus Mart. mss.

var. **calvescens** Ruhl l. c. 249 = *Paepalanthus eriophyllus* var. σ . Korn
 Fl. Bras. III 1. p. 463

Surinam River near Jodensavannah. KEGEL 231 (fl. Nov.)

Para district near plant Berlijn WULLSCHLÄGEL 762.

var. **glandulifera** Ruhl l. c. 249 = *Paepalanthus eriophyllus* var. β . Korn.
 l. c. 464.

Para district near plant Berlijn: WULLSCHLÄGEL 763 ex Ruhl l. c.

Syngonanthus umbellatus (Lam.) Ruhl. in Urb. Symb. Antill. I 483.

Eriocaulon umbellatum Lam. Encyc. III. 277.

Para district near plant Berlijn SPLITGERBER 698 H. L. B. 903,
 136—278 on sandy spots, (fl. March).

Upper Para River: FOCKE 101.

Surinam River, near Joden Savannah KEGEL 1471 (fl. Nov.) and 627
 (fl. Nov.)

Surinam: HOSTMANN and KAPPLER ed. Hohenacker 592, 592a, 592b.
 (fl. May)

Tropical Brazil, Guyana

Syngonanthus caulescens (Poir.) Ruhland l. c. 267.

Eriocaulon caulescens Poir. Encyc. Suppl. III. 162.

Upper Tapanahoni River: VERSTEEG 738 (fl. Aug.)

Surinam River; near Joden Savannah. KEGEL 1105 in swamps
 (fl. Nov.)

Surinam: HOSTMANN and KAPPLER 1002 named *Paepalanthus surina-*
mensis Miq. Linnaea XIX p. 126.

All tropical South-America.

Syngonanthus Kegellanus (Körn.) Ruhl. l. c. 273

Paepalanthus Kegellanus Korn. Fl. Bras. III 1 p. 438.

Lower Saramacca River, near Maripaston · KEGEL 1473 in forests
(fl May).

TONINA Aubl

***Tonina fluviatilis* Aubl.** Plant. Guyan II 856.

Paramaribo. KEGEL 192 in swamps (fl July); TULLEKEN H L. B. 903.
136—294, TULLEKEN 76 H L. B. 903, 322—1355.

Surinam River, near Koffie djompo. VERSTEEG 476 in swamps.

Surinam · SPLITGERBER 187 H. L. B. 903, 136—290, common in swamps
and on moist spots, WEIGELT H. L. B. 903, 136—298; LANDRE H L B.
903, 136—193; MOLKENBOER H L. B. 903, 322—299, Dr VOLTZ in
Herb. Rheno Traject

Common in all tropical Brazil.

RAPATEACEAE.

RAPATEA Aubl.

Rapatea paludosa Aubl Plant Guyan. I. 305 t. 118.

Upper Para district near Sabakoekreek: VAN HALL 17 (fl Jan)

Para district near plant Berlijn. SPLITGERBER 734. H L B 905,
88-96 and 97 (fl March)

Upper Surinam River, near Blauwe Berg: SPLITGERBER H L. B 905,
88-95.

Lower Saramacca River near Maripaston KEGEL 1136 (fl May)

Surinam · HOSTMANN 2; KAPPLER 1432, WULLSCHAGEL 842 ex Kornicke

Monogr. p 464

Tropical Brazil, Guyana.

SAXOFRIDERICIA Rob. Schomb

Saxofridericia aculeata (L. C Rich.) Körn. Monogr. p. 457

Rapatea aculeata L. C. Rich. mss. in Herb Franqueville cum descriptione.

Upper Gonini River VERSTEEG 52 (fl. Aug.) in swamps.

Upper Tapanahoni River. VERSTEEG 630 (fl. July) in swamps

Venacular name „Phoboe”.

Guyana.

Of this species fruits or seeds are unknown until now. The fruit is unilocular and opens with three valves. The two other compartments of the gynaeceum are not developed, no more than the ovules in them. The fruit is only one-seeded. The seeds are coloured black, have the shape of elongated kidneys and are about 2 mm long. They have transverse wrinkles.

SPATHANTHUS Desv.

Spathanthus unilateralis Desv. in Ann. Scienc. nat. XIII 45 t 4. f. 1.

Paramaribo, near Oude Ryweg: KEGEL 814 (fl. March).

Upper Surinam River near Station Victoria: KAPPLER (fl. Dec.).

Para district near plant Berlijn: WULLSCHLAGEL 861 ex Kornicke

Monogr p 489.

Guyana.

BROMELIACEAE

AECHMEA Ruiz et Pav.

Aechmea Mertensii Schult. fil. in Rom et Schult VII. p. 1272

Upper Marowijne River, near Apatou WENT 461 on trees (fl. Octob.)

Upper Litane River · VERSTEEG 355 on trees (fl. Nov.)

Upper Gonnim River VERSTEEG 279 on rocks (fl. Octob.)

Upper Tapanahoni River, near Koddobakoe VERSTEEG 857 on rocks (fl. Sept.)

Para River, near plant. Berlin: WULLSCHLÄGEL 507, 1573, 1574 ex Mez. Flora Bras. III. 3 p. 329.

Upper Coppename River · BOON 1161 (fl. Sept.)

Surinam FOCKE 437, 1155 in herb. Rheno Traj., FOCKE H. L. B. 898, 318—5 named *Bilbergia Mertensii* Miq. in Linnaea XVIII p. 376.

French Guyana.

Aechmea mucroniflora Hook. Bot. Mag. tab. 4832.

Upper Litane River VERSTEEG 420 on trees (fl. Decemb.)

Surinam SPLITGERBER 54, H. L. B. 898, 318—7 (fl. Nov.)

Paramaribo WULLSCHLÄGEL 1332, FOCKE 810, SPLITGERBER 651a ex Mez, Monogr. p. 215.

Guyana, Northern Brazil, Trinidad.

Aechmea bromeliifolia (Rudge) Baker in Benth. Hook. Gen. plant. III. 664

Tillandsia bromeliifolia Rudge Guyan. p. 32 t. 50.

Lawa River near Cottica VERSTEEG 280 (fl. Octob.)

Upper Tapanahoni River · VERSTEEG 607 on trees (fl. July)

Guyana, tropical Brazil.

BILBERGIA Thunb.

Bilbergia violacea Beer Brom. 116.

Upper Litane River near Knopaiamoi. VERSTEEG 404 on trees (fl. Dec.)

French Guyana.

WITTMACKIA Mez

Wittmackia odora (Miq.) Mez Flora Bras. III. 3 p. 277.

Bulbergia odora Miq. Linnaea XVIII p. 377.

Paramaribo: SPLITGERBER 62 H. L. B. 898, 318—9 on trees (fl. May);

WULLSCHLÄGEL 1577, KEGEL 938 ex Mez. Monogr. 142

Paramaribo, near Tourtonne: FOCKE 861 (fl. Febr.)

French Guyana, Northern Brazil.

ARAEOCOCCUS Brogn

Araeococcus micranthus Brogn. in Ann. Sc. Nat. Ser. II. XV p. 370.

Gonini River: VERSTEEG 199 (fl. Sept.).

Guyana, Northern Brazil.

GRAVISIA Mez

Gravisia aquilega (Salisb.) Mez Flora Bras. III. 3 p. 173

Bromelia aquilega Salisb. Trans. Hort. Soc. I. p. 269

Paramaribo: FOCKE 808 (fl. Nov.), named *Bromelia surinamensis* Miq.

Linnaea XVIII p. 378, SPLITGERBER 58 H. L. B. 898, 318—34 (fl.

Febr.); KEGEL 914, WULLSCHLÄGEL 1375 ex Mez. Monogr. p. 174.

Upper Para River, near Post Republiek: TULLEKEN 217 H. L. B. 903,
322—1197.

Venezuela, French Guyana, Brazil

PITCAIRNIA P'Herit.

Pitcairnia Kegellana Schld. Linnaea 1851 p. 664.

Para River, near plant Berlyn WULLSCHLÄGEL 510

Saramacca River, near Maripaston: KEGEL 1097 ex Mez. Monogr. p. 366

French Guyana

Pitcairnia nuda Bak in Journ. of Bot. 1881 p. 269,

Upper Tapanahoni River near Mount Teeboe: VERSTEEG 785 (fl. and
fr. Sept.).

Britisch Guyana.

Pl. I.

VRIESEA Lindl.

Vriesea procera (Mart.) Wittm. in Engl. Jahrb. XIII. Beiblatt. 29 p. 21

Tillandsia procera Mart. apud Schult. fil. in Röm. et Schult. Syst. VII
p. 1224.

var. *gracilis* (Gaudich.) Mez in Flora Bras. III. 3 p. 539.

Paramaribo: SPLITGERBER 1003 H. L. B. 898, 318—140 on trees (fl. May).

KEGEL 924, ex Mez. Monogr. p. 589.

Tropical Brazil



PHOTO VERSTEG.

PITCAIRNIA NUDA BAKER.
Mount Kassikassima, Tapanahoni River.

CATOPSIS Griseb

Catopsis sessiliflora (Ruiz et Pav.) Mez Monogr p. 625.

Tillandsia sessiliflora Ruiz et Pav Flora Peruv. III. p. 42

Surinam River near Joden Savannah SPLITGERBER 869 H. L. B. 898,
318—33 on trees (fl. April).

Surinam WULLSCHLAGEL 1100 ex Mez. l. c.

All tropical America

Catopsis nitida Griseb Flora West Ind Islands p. 599.

Paramaribo KEGEL 864 ex Mez, Monogr p. 626

West Indian Islands.

TILLANDSIA Linn.

Tillandsia adpressiflora Mez Monogr. p. 661

Upper Surinam River, near Bergendal. WULLSCHLAGEL 1335 ex Mez l. c.

Tillandsia aloifolia Hook Exot. Fl. t. 205; Miq in Linnaea XVII p. 66,
and Linnaea XVIII p. 375, and Bull. des Sc. nat. en Néerl. 1838
cum icone.

Paramaribo SPLITGERBER 610 H. L. B. 898, 318—77 on trees (fl. March)

Surinam: KEGEL 346, 1048; WULLSCHLAGEL 509, 1963 ex Mez l. c. p.

670; FOCKE without number in Hb. Rheno-Traj

All tropical America.

Tillandsia fasciculata Sw. Prodr. 56.

Surinam SPLITGERBER 824 H. L. B. 898, 318—73 on trees (fl. April).

All tropical America.

Tillandsia punctulata Cham et Schldl Linnaea VI. p. 53

Surinam WULLSCHLAGEL 1578 ex Mez. l. c. 688.

Mexico, Guatemala, Nicaragua, Costa Rica.

Tillandsia compressa Bert. ap. Röm. et Schult. Syst. VII, 1210

Surinam KEGEL 638, SPLITGERBER 654 ex Mez l. c. 689.

Jamaica, Trinidad. *

Tillandsia bulbosa Hook. Exot. Fl. t. 173

Para River: SPLITGERBER 726 H. L. B. 898, 318—61 on trees (fl. March)

Upper Nickerie River, near Blanche Marie Falls TULLEKEN 331 H. L. B.

903, 322—1593 and TULLEKEN 367 H. L. B. 903, 322—1591 on trees
(fl. Sept.)

Surinam: HOSTMANN 560, WULLSCHLAGEL 508 ex Mez. l. c. 722

All tropical America.

Tillandsia paraensis Mez Flora Bras. III. 3 p. 586 t. 109.

Upper Litanie River. VERSTEEG 368 on trees (fl. Nov.)

Brazil, (Para-district).

Tillandsia Kegellana Mez Monogr. p 725.

Para River SPLITGERBER 644 H. L. B. 898, 318—78 on trees (fl. March)
Paramaribo · KEGEL 802, 881 ex Mez. l c 725.

Tillandsia stricta Sol ap. Sims in Bot Mag t 1529.

Paramaribo: SPLITGERBER 608 H. L. B. 898, 318—107 on trees (fl. March)
Paramaribo FOCKE 957, named *Tillandsia conspersa* Miq Linnaea
XVIII p. 376
Surinam. WULLSCHLAGEL 36, 1098 ex Mez. l c. 821,
Tropical and subtropical South-America

Tillandsia pulchella Hook. Exot Fl. t 154

var ♂ *surinamensis* (Miq.) Mez in Flora Bras III 3 p. 603.

Tillandsia surinamensis Miq. Mss. in Hostmann plantae surinam, ed
Hohenacker n 592a et 592b
Para district. SPLITGERBER 670 H. L. B. 898, 318—86, 87
Surinam KEGEL 801; WULLSCHLÄGEL 1097, HOSTMANN 592a, 592c
Guyana, tropical and subtropical Brazil.

Tillandsia monadelpha Bak. in Journ of Bot. 1887 t 281.

Lower Surinam River near plant Jagtlust: SPLITGERBER 408 H. L. B. 1099
898, 318—80 on trees (fl Dec.)
Surinam · KEGEL 823, WULLSCHLAGEL 1938 ex Mez. l. c. 842
French Guyana.

Tillandsia usneoides Linn Spec. plant ed. II p. 411.

Paramaribo · SPLITGERBER 160 H. L. B. 898, 318—127.
Lower Saramacca River WENT 159, WULLSCHLAGEL 1099
All tropical and subtropical America

GUZMANIA Ruiz et Pav**Guzmania lingulata** (Linn.) Mez. Monogr p. 899.

Tillandsia lingulata Linn. Spec pl Ed I p. 286.

Cottica River, near Post Belair SPLITGERBER 805 H. L. B. 898, 318—31
on trees (fl. April) ·
Lower Surinam River, near plant Jagtlust. WENT without number.
Surinam · KEGEL 815 ex Mez l. c 900.
Guyana, West-Indian Islands.

Guzmania Splitgerberi Mez Monogr. p. 930

Upper Surinam River, near Blauwe Berg: SPLITGERBER 966 H. L. B.
898, 318—35 on trees (fl. May).

ANANAS Adans.**Ananas sativus** Schult fil. in Röm Schult. Syst. VII 1283.

Common in the colony on rocks, and cultivated.

COMMELINACEAE.

PHAEOSPERION Hassk

Phaeosperion persicariaefolium (D C) Clarke in Decand. Monogr.

Phan III (1881) p 137

Commelina persicariaefolia D C in Redouté Lil 8 tab. 472

Upper Tapanahoni River, near Drie tabbetje. VERSTEEG 673 (fl July)

Lower Surinam River, near plant Jagtlust. WENT 66 (fl Aug.)

Para district, SPLITGERBER 1062 H. L. B. 899, 258—403 in forests
(fl. May) named. *Commelina ferruginea* Splitg. Mss.

Surinam: HOSTMANN without number in herb Rheno-Tracjet; DUMORTIER
without number in hb. Rheno-Traject.

var: *β. scabrata* (Seub.) Clarke l. c. 137.

Commelina scabrata Seub. Flora Bras III. 1 p. 266.

Surinam: HOSTMANN 203, 423 ex Clarke l. c.

Vernacular name "Gado dede, mi sa dede"

Guyana, tropical Brazil.

COMMELINA Linn.

Commelina nudiflora Linn Spec. plant. I p 61.

Near Paramaribo. TULLEKEN 50 H. L. B. 903, 322—1301.

Pauluskreek FOCKE 1260 (fl Sept)

Lower Saramacca River, near plant Vier Hendrikken. WENT 217
(fl. Aug)

Nickerie. TULLEKEN 294. H. L. B. 903, 322—1222 (fl Aug.) and
532 H. L. B. 903, 322—941 (fl Octob.)

Surinam. SPLITGERBER 279 H. L. B. 899, 258—463 (fl. Dec.), hb.

MOLKENBOER H. L. B. 899, 258—460, hb. VAN HALL H. L. B. 899,
258—304; HOSTMANN H. L. B. 903, 322—169.

Vernacular name. "Gado dede, mi sa dede"

All tropical countries

Commelina virginica Linn. Spec. plant. p 61

Marowijne River: KAPPLER ed Hohenacker 1850 on sandy spots,
named *C. elegans* H. B. K.

Surinam River, plant. Zwarigheid. FOCKE without number (fl. Oct.)
 Para River in savannah Berlijn VAN HALL 55 (fl. Jan.)
 Cottica district near post Belair. SPLITGERBER 803 H. L. B. 899, 258—589
 (fl. April)
 Tropical and subtropical America.

ANEILEMA R. Br.

Aneilema ovato-oblongum Beauv. Fl. d'Owar II p. 71 t. 104
 Lower Surinam River, near plant. Meerzorg: FOCKE 465, named
Commelina albiflora Mq. in schedul, near plant. Jagtlust: WENT 74
 in forests (fl. August).
 Surinam. HOSTMANN 629 in Hb. Rheno-traject. named *Dithyrocarpus*
Schomburgkianus Kth
 Tropical Africa and America.

DICHORISANDRA Mikan.

Dichorisandra Aubletiana Röm. et Schult. Syst. VII p. 1181.
 Marowijne River: KAPPLER ed Hohenacker 1851 on sandy spots
 (fl. July).
 Upper Gonini River: VERSTEEG 103 (fl. Aug.)
 Upper Marowijne River, near Poeloegoedoe: VERSTEEG 621 (fl. July).
 Litanie River: VERSTEEG 373 (fl. Nov.)
 Tapanahoni River, near Drie Tabbetje: VERSTEEG 686 (fl. July)
 Lower Surinam River, near plant Jagtlust: SPITGERBER 385 H. L. B.
 899, 259—9 in forests (fl. Dec.)
 Para River, near Onoribo FOCKE 884 (fl. March); near plant La
 Rencontre: FOCKE 790 (fl. April); near Post Vredenburg, FOCKE
 687 (fl. Octob.)
 Upper Saramacca River: PULLE 206 (fl. March).
 Surinam. HOSTMANN H. L. B. 903, 322—73; KAPPLER H. L. B. 903,
 322—405; VAN HALL 56.
 All tropical America.

TRADESCANTIA Linn.

Tradescantia elongata G. F. W. Meyer Flora Esseq. p. 146.
 Paramaribo: VAN HALL 54 in ditches (fl. Febr.).
 Near Paramaribo: VERSTEEG 503 (fl. June).
 Paradistrict near Santigrón: WENT 194 (fl. Aug.)
 Lower Saramacca River, near plant Hamburg: SPLITGERBER 851 H.
 L. B. 899, 259—284 at the riverside (fl. April).
 Wanica kreek: FOCKE 400, named *Tradescantia guyanensis* Mq. in
 Linnaea XVIII p. 374.

Surinam HOSTMANN H. L. B 903, 322—172.
Tropical and subtropical South-America.

Tradescantia geniculata Jacq. Amer Hist. p. 94 t 64

Lower Surinam River, near plant. Jagtlust · SPLITGERBER 581 H. L. B
899, 259—278 in forests (fl Febr.).

Surinam · HOSTMANN and KAPPLER 1651 named *Tradescantia floribunda*
Kth, KAPPLER 1568 named *Tradescantia floribunda Kth. var. angus-*
tifolia Mig.

PONTEDERIACEAE.

EICHHORNIA Kunth.

Eichhornia natans (Beauv.) Solms Monogr. Phanerog. IV. p 526

Pontederia natans, Beauv. Fl d'Oware II p 18. t 68 f 2.

Paloemee River. VERSTEEG 905, floating in stagnant water (fl. Octob)

Upper Saramacca River. PULLE 496 (fl Jan)

Tropical Africa and South-America

Eichhornia crassipes (Mart.) Solms l. c, 527.

Pontederia crassipes Mart ap Rom. et Schult Syst. VII p 1137.

Upper Lawa River, near Cottica VERSTEEG 372 (fl. Octob.)

Paramaribo: FOCKE 97 named *Heteranthera formosa* Miq. in Linnaea XVII p 61 = *forma Eichhorniae azureae* ex Miq. Stirp. Surin. Select p 220.

Paramaribo. SPLITGERBER 236 H. L. B. 905, 88—92 in stagnant water (fl. Dec.).

Upper Nickerie River: TULLEKEN 526 H. L. B. 903, 322—935 (fl. Octob)

Surinam. HOSTMANN H. L. B. 903, 322—283; HOSTMANN Hb Rheno-

Traject. without number, KAPPLER Hb Rheno-Traject, without num-

ber; WULLSCHLAGEL 755; COULON 62; KAPPLER 1952 ex Solms l. c 528.

Tropical and subtropical America.

Eichhornia azurea (Sw) Kth. Enum. pl. IV. p. 129.

Pontederia azurea Sw Fl. Ind. Occ. I. p 609.

Paramaribo. SPLITGERBER 193 H. L. B. 905, 88—90, 89 in stagnant water (fl. Nov.)

Lower Surinam River. KAPPLER ed. Hohenacker 1842 (fl. Octob.)

Surinam. HOSTMANN H. L. B. 903, 322—333.

All tropical and subtropical South-America.

PONTEDERIA Linn.

Pontederia rotundifolia Linn. Suppl. 192.

Commewyne River near plant. Potribo SPLITGERBER 481 H. L. B 905, 88—93 (fl. Jan.)

Upper Commewyne River FOCKE 189 (fl. Sept.) named *Pontederia eriantha* Miq in Linnaea XVII p 60 and in Stirp. Surin. Select p. 220; FOCKE in Tijdschrift Wis- en Natuurkund Wetenschappen I. p 210

Surinam: DUMORTIER without number in Hb. Rheno-Traject; WULL-SCHLAGEL 1648 ex Solms I c 534.

Tropical and subtropical South-America

LILIACEAE.

SMILAX Tourn

Smilax cumanensis Willd Spec pl IV. p. 783.

Matappica River FOCKE, named *Smilax surinamensis* Miq in Linnaea XVII p. 63.

Surinam HOSTMANN and KAPPLER ed Hohenacker 1202, named *Smilax irrorata* Griseb in schedul ; HOSTMANN H L. B. 903, 322—37, FOCKE in Hb Gotting. 443.

Tropical South-America

Smilax Hostmanniana Kth Enum. V p 170

Paramaribo KEGEL 129 (fl July), named *Smilax surinamensis* Miq.

Lower Saramacca River, near Post Groningen : WENT 161 (fl. Aug.)

Surinam · HOSTMANN 388 in Hb. Boiss , 1219 in Hb. Berol , SPLITGERBER in Hb Mus. Paris. named *Smilax globulifera* Splitgerb ex De Cand. l. c 119.

Smilax Schomburgkiana Kth Enum V. p. 187.

Surinam . KAPPLER 2071 in Hb. Vind. ; HOSTMANN 954, 997 in Hb. Berol ; 557 in Hb. Florent. , KAPPLER H L. B 903, 322—509

British Guyana, Northern Brazil.

var. β *gracilis* A. DC l c. 156

KAPPLER ed. Hohenacker 1202 p. p. named *S. irrorata* Griseb

YUCCA Linn

Yucca filamentosa L Spec plant 319.

Paramaribo, cultivated in gardens · KEGEL 914 teste Grisebach Linnaea XXI p 280.

North-America

CORDYLINE Comm

Cordylne terminalis Kth Abh. Acad. Berl. (1820) p. 30.

Paramaribo, cultivated in gardens · KEGEL 1243 teste Grisebach Linnaea XXI p. 281

East India.

HAEMODORACEAE.

XIPHIDIUM Aubl.

Xiphidium coeruleum Aubl. Pl. Guyan. I 33 t. 11.

Marowyne River · KAPPLER Ed Hohenacker 1654 in forests (fl. March).

Lawa River, near Cottica Mountains: VERSTEEG 339 (fl. Octob.)

Upper Tapanahoni River: VERSTEEG 640 (fl. July).

Paramaribo · KEGEL 856 in forests (fl. March) named *Xiphidium Fockeanum* Mig.

Lower Surinam River, near Jagtlust. WENT 79 (fl. Aug.)

Paramaribo: FOCKE 293 (fl. April) = *Xiphidium Fockeanum* Mig. in
Linnaea XVII p. 65

Lower Saramacca River, near Mindrinetti PULLE 29 (fl. Nov.)

Upper Coppename River, near Raleigh-falls: BOON 1023 (fl. Aug.)

AMARYLLIDACEAE.

CRINUM Linn.

Crinum erubescens Solandr in Ait Hort Kew. Ed. I 431

Paramaribo SPLITGERBER 84 H. L. B. 897, 324—86 in water (fl. Nov.)

Paulus-kreek. WENT 554 (fl. Nov.)

Saramacca River, near Groningen. WENT 231 in ditches (fl. Aug.)

Surinam. FOCKE 435 (fl. Sept.)

Tropical South-America

Crinum scabrum Sims Botan Mag t. 2180.

Paramaribo. KEGEL 853 cultivated in gardens ex Griseb Linnaea
XXI. p. 278 Brazil.

HYMENOCALLIS Salisb.

Hymenocallis tubiflora Salisb. in Trans. Hort Soc. I. 341.

Marowyne River, near Loca-loc. VERSTEEG 459 (fl. Jan.)

Upper Commewyne District, near plant. Canawappibo. SPLITGERBER
303 H. L. B. 897, 326—18 (fl. Dec.) named *Pancratium guyanense* Ker.

Saramacca River, near Maripaston. KEGEL 1333 (fl. May)

Tropical South-America.

Hymenocallis obtusata (Griseb.) Pulle.

Pancratium obtusatum Griseb. Linnaea XXI p. 277.

Paramaribo: KEGEL 948 in ditches (fl. July).

HIPPEASTRUM Herb.

Hippeastrum equestre (Ait.) Kunth. Enum V. p. 523.

Amaryllis equestris Ait. Hort. Kew. I. p. 417.

Lawa River, near Cottica Mountains. VERSTEEG 299 (fl. Octob.)

Paramaribo: KEGEL 1025 (fl. Octob.), SPLITGERBER 251 H. L. B. 897,
324—119 (fl. Dec.)

Saramacca River, near Groningen WENT 177 (fl. Aug.)

Surinam WEIGELT H. L. B. 897, 326—13

Tropical America.

FOURCROYA Schult.

Fourcroya gigantea Vent in Bull Soc Philom. I. 65.

Upper Tapanahoni river: VERSTEEG 847 (fl Aug)

Paramaribo: SPLITGERBER 108 H L. B. 897, 324-89 (fl Dec.)

Surinam: FOCKE 436 (fl. Sept)

Cultivated everywhere in the colony.

Vernacular name: "Injie sopo" (Indian soap.)

HYPOXIS Linn

Hypoxis decumbens Linn Pl Jam. Pugill. 11.

Upper Surinam River, near Bergendal: FOCKE 1296 (fl May).

Surinam. HOSTMANN 1316

Tropical America

DIOSCOREACEAE

DIOSCOREA Linn.

Dioscorea cayennensis Lam Enc. III 323.

Upper Gonini River · VERSTEEG 152 ♂ (fl. Aug)

French Guyana, Northern Brazil.

Dioscorea amazonum Mart. Mss ex Griseb. Flora Bras III 1 p 39

Upper Tapanahoni River · VERSTEEG 913 ♂ (fl. Octob.).

Para River, near Plant la Prospérité: FOCKE 1020 (fl. Sept.)

Surinam: HOSTMANN 883 in Hb. Rheno Traj. named by Miquel. *Dioscorea surinamensis* Miq. and by Kunth *Dioscorea elegantula* Kth.

Enum V. p. 366

Northern Brazil.

Dioscorea polygonoides H. B. K. Nov. Gen. et Spec. I. 274

Paramaribo: FOCKE 781 ♂ (fl April).

Paramaribo, near Plant Quarta. KEGEL 442 and 958 ♀ named *Dioscorea Kegeliana* Grisebach Linnaea XXI. p 279.

Surinam: HOSTMANN 906 in Herb. Rheno Traj. and in H. L. B. 903, 322—81.

Northern Brazil, Guyana.

Dioscorea trifida Linn f. Suppl. 427.

Upper Tapanahoni River, near Drie Tabbetje: VERSTEEG 695 ♀ (fl. July)

Paramaribo · FOCKE 1109 ♂ (fl. May).

Paramaribo, near plant. Quarta: KEGEL 903 (fl. June); HOSTMANN Hb. Rheno-Traj. 767; HOSTMANN H. L. B. 903, 322—327, FOCKE 618, named: *Dioscorea truncata* Miq Linnaea XVIII p. 23; HOSTMANN 555 = *Dioscorea affinis* Kunth Enum V p. 372.

Cultivated in the colony. Vernacular name. 'Napi'.

Guyana

MUSACEAE.

MUSA Linn

- Musa paradisiaca* Linn. Spec. plant Ed. I. 1043
Surinam SPLITGERBER 530 H L. B 905, 88—120
Cultivated in several varieties.
Vernacular name „Bana“, „Bacove“ or „Bakoeba“.
All tropical countries.

RAVENALA Adans.

- Ravenala guyanensis* (L. C Rich) Benth. in Genera pl. III. 657
Urania guyanensis L C Rich in Nova Acta Acad. nat. cur. XV suppl
21 t 6—8.
Phenakospermum guyanense Endl v. Miquel Stirp Surin. Select. p. 212
tab 62 and 63
Paramaribo WULLSCHLAGEL 1138 ex Petersen Flora Bras. III. 3 p 6;
SPLITGERBER H. L. B 905, 88—127.
Vernacular name „Bosch-Banaan“
Northern Brazil, French Guyana.

HELICONIA Linn.

- Heliconia Bihai* Linn. Mant. II. p 211
Litanie River: VERSTEEG 408 (fl. Dec.)
Paramaribo SPLITGERBER 59 H L B 905, 88—117 (fl. Nov.)
Upper Coppename River, near Raleigh-falls BOON 1015 (fl. Ang.)
Surinam FOCKE 122, WULLSCHLAGEL 521 ex Petersen l. c 17
Vernacular name. „Palaloe“ (Splitgerber)
All tropical America.
Heliconia acuminata L. C. Rich in Nova Acta Acad. nat. cur. XV
suppl. t 11.
Upper Surinam River, near Bergendal FOCKE 368 (fl. Sept.)
Lower Saramacca River, near Mindrimetti PULLE 42 (fl. Nov.)
Upper Coppename River BOON 1182 (fl. Sept.)
Common in forests.
Venezuela, Northern Brazil, French Guyana.

Heliconia brasiliensis Hook Exot. Flora p. 190

Surinam River, near Koffiedjampo VERSTEEG 517 (fl. June)

Para River, near Osembo FOCKE 577 named *Heliconia Richardiana* Miq. in sched.

Surinam SPLITGERBER H. L. B. 905, 88—123 named *Heliconia flavescens* Splitg. c. descript

Northern Brazil, Freuch Guyana.

Heliconia psittacorum Linn f Suppl. (1781) 198.

Paramaribo: TULLEKEN 127 H. L. B. 903, 322—1481 (fl. Aug.)

Lower Surinam River, near Jagtlust TULLEKEN 98 H. L. B. 903, 322—1377 (fl. July), WENT 56 (fl. Aug.)

Para district near Savanne Kompas WENT 376 (fl. Sept)

Surinam SPLITGERBER 40 H. L. B. 905, 88—119 (fl. Nov.); FOCKE 1360 (fl. Octob.); TULLEKEN 83 H. L. B. 903, 322—1362; SPLITGERBER H. L. B. 905, 88—126, named *Heliconia inaequalis* Splitg. in sched. c. descript; VAN HALL 94, WULLSCHLÄGEL 522 and 594, HOSTMANN 972 ex Petersen l. c. 23

Vernacular name: "Popokantongo" (Parrot's tongue).

All tropical South-America.

Heliconia hirsuta Linn. f. Suppl. 158

var. *α cannoidea* (L. C. Rich.) Baker. Ann. of Bot. VII. 197.

Heliconia cannoidea L. C. Rich. Nova Acta Acad. nat. cur. XV. suppl. t. 9 et 10

Lower Saramacca River, near Mindrinetti: PULLE 40 (fl. Nov.)

Surinam: VOLTZ without number in Hb. Rheno-Traject.

All tropical South-America.

ZINGIBERACEAE

HEDYCHIUM König.

Hedychium coronarium König in Retz. Observ. III 73.

Lower Marowijne River, near Albina VERSTEEG 530 (fl. July)

Surinam: SPLITGERBER 1056 H. L. B. 905, 88—115 (fl. June).

East-India; cultivated in all tropical countries.

AFRAMOMUM K. Schum

Aframomum melegueta (Roscoe) K. Schum. in Engl. Bot. Jahrb. XV.
(1892) 417.

Aframomum melegueta Roscoe Monandr. Plants (1828) t. 98.

Lower Surinam River, near Plant. Domburg. TULLEKEN 185 H. L. B.
903, 322—1417.

Surinam. SPLITGERBER 538 H. L. B. 905, 88—99, 100 (fl. Jan.)

Cultivated.

Vernacular name: »Ningre-kondre-pepre."

Tropical Africa.

RENEALMIA Linn. f

Renealmia exaltata Linn. f. Suppl. 79

Paramaribo, near plant Tourtonne. KEGEL 936 (fl. June)

Near Paramaribo. TULLEKEN 413 H. L. B. 903, 322—1196 (fl. Sept.)

Paramaribo PREUSS 1391 in Herb. Berol. ex Schumann, Pflanzenreich
IV. 46 p. 296

Lower Saramacca River, near Post Groningen. WENT 234 (fl. Aug.)

Surinam. SPLITGERBER 316 H. L. B. 905, 88—122 (fl. Dec.), FOCKE
801 (fl. April); WULLSCHLAGEL 1134 ex Schum. l. c.

Vernacular name: »Massoesa".

Guyana, West Indian Islands

Renealmia occidentalis (Swartz) Sweet. Hort. brit. ed. 2 p. 493

Alpinia occidentalis Swartz Prodr. Fl. Ind. Occ. p. 11

Marowijne River, near Poeloegoedoe VERSTEEG 627.

Coppename River, near Raleighfalls. BOON 1014

Vernacular name "Blakka massoesa"

West-Indian Islands, Columbia, Venezuela, British Guyana.

Renelalmia monosperma Miq. *Linnaea* XXII. p. 80.

(not enumerated by Schumann in "das Pflanzenreich").

Saramacca River, near Groote Poica. KEGEL 1470 (fl. May) in Hb

Gotting. and Hb Rheno-Traject

ALPINIA Linn.

Alpinia speciosa (Wendl.) K Schum in Flora Kaiser Wilhelmsland p. 29.

Zerumbet speciosum Wendl Sert Hann. t. 19

Paramaribo, Palmgardens WENT 363 (fl. Sept.)

Surinam SPLITGERBER 1036 H. L. B. 905, 88—98.

Cultivated in the colony

China and Japan

COSTUS Linn.

Costus discolor Roscoe Monandr. Plants t. 81

Paramaribo, in forests. SPLITGERBER 124 H. L. B. 905, 88—114 (fl. Nov.)

Para River, near Post Republiek TULLEKEN 237 H. L. B. 903, 322—1161,
1177, 1567 (fl. Aug.).

Vernacular name Sangrafoe.

Brazil.

Costus niveus G. F. W. Meyer Prim Esseq. 1.

Lower Surinam River, near plant Jagtlust SPLITGERBER 116 H. L. B.
905, 88—111, 112 (fl. Nov.), WENT 69 (fl. Aug.)

Paramaribo. KEGEL 480.

Upper Saramacca River PULLE 470 (fl. March).

Cottica River, near plant. Hamburg. RODSCHIED ex Schumann l. c. 401

Vernacular name Sangrafoe.

British Guyana

Costus cylindricus Jacq. *Fragm.* t. 77.

Surinam River, near plant. Quarta: KEGEL 807 (fl. Febr.)

Saramacca River: PULLE 163 in forests (fl. Jan.)

Coppename River BOON 1198 (fl. Sept.)

Upper Nickerie River TULLEKEN 421 H. L. B. 903, 322—1187 (fl. Sept.)

var α *ciliata* (Miq.) Petersen *Flora Bras.* III. 3 p. 54

Costus ciliatus Miq. *Linnaea* XVIII p. 73

Upper Surinam River, near Cassepoera TULLEKEN 156 H. L. B. 903,
322—1532 (fl. Aug.)

Surinam. FOCKE 123.

Vernacular name „Fico-Fico" (Tulleken.)

Tropical America

Costus scaberulus L. C. Rich apud Gagnepain Bull. Soc. Bot. de France
4 série. II p 99.

Lower Surinam River, in forests VERSTEEG 496 (fl June).

Surinam. SPLITGERBER 317 H. L. B. 905, 88—113 (fl Dec)

Vernacular name: Sangrafoe.

French Guyana

CANNACEAE.

CANNA Linn

Canna coccinea Alt. Hort. Kew. Ed. II. p. 1.

Paramaribo· KEGEL 964 in swamps (fl. Aug.); VERSTEEG 582 (fl. July)
Surinam HOSTMANN 614 named by Miquel· *Canna surinamensis*
Bouché in Linnæa XVIII p. 491; SPLITGERBER 436 H. L. B. 905,
88—105, 106, 107 and 108

Vernacular name: „Sakka" or „Sakka sirie" or „Krekrere".

Tropical South-America.

Canna glauca Linn. Spec. plant. Ed. I. p. 1.

Paramaribo· KEGEL 967 in swamps (fl. Aug.), named by Miquel
Canna angustifolia Linn. in Linnaea XXII p. 78.

Surinam, in swamps SPLITGERBER 351 H. L. B. 905, 88—102 and
103 (fl. Dec.)· HOSTMANN H. L. B. 903, 322—173; WULLSCHLAGEL
511 ex Petersen Flora Bras. III. 3 p. 72

Tropical South-America.

MARANTACEAE

CALATHEA G. F. W. Meyer.

Calathea elliptica (Roscoe) K. Schum. in „das Pflanzenreich IV 48 p 75

Phrynium ellipticum Roscoe Monandr. Plants t 44

Upper Marowijne River, near Poeloegoedoe: VERSTEEG 632 in forests (fl. July).

Lower Surinam River, near Paramaribo (Wanicapad): WULLSCHLAGEL 517 ex Schumann l. c. 1

Lower Surinam River, near Jagtlust SPLITGERGER 397 H L. B 901, 199—61 and 62 in forests (fl Dec), FOCKE 477 named *Heliconia surinamensis* Miq. in sched. and *Calathea an violacea* Lindl? by Miq. in Linnæa XVIII p. 73, WENT 81 in forests (fl. August).

Calathea alluaia (Aubl.) Lindl. in Bot. Reg sub t. 1210.

Maranta allua Aubl Plant Guyan. l. 3

Surinam, near Ornamibo: FOCKE 893 (fl March) named by Miquel Linnaea XVIII p. 605: *Phrynium Alloia* Rosc.

West-Indian Islands.

Calathea comosa (Linn. f) K. Schum in das Pflanzenreich IV 48 p 89

Maranta comosa Linn. f Suppl. 80.

Lower Surinam River, near plant. Jagtlust; SPLITGERGER 423 H L B 901, 199—52 and 53 in swamps (fl Dec)

Surinam: DALBERG ex Linn. f l c., Schumann l. c. 89.

Peru.

Calathea altissima (Pöpp et Endl.) Körn. in Bull Soc natur Moscou XXXV. 1. 141

Phrynium altissimum Pöpp. et Endl Nov. Gen et Spec II. p 20

Surinam WEIGELT ex Schumann l. c. 95

Northern Brazil, Peru.

Calathea propinqua (Pöpp et Endl) Körn. in Bull. Soc. natur. Moscou XXXV. 1. p. 122

Phrynium propinquum Pöpp. et Endl. Nov Gen. et Spec. II. p. 18.

Lower Surinam River, near Paramaribo KEGEL 812 in forests (fl. March)
named by Miquel *Maranta arundinacea* L

Surinam River, near Koffiedjampo. VERSTEEG 518 (fl. June).

Lower Surinam River, near Jagtlust · SPLITGERBER 592 H. L. B. 901,
199—63 (fl. Febr.)

Para district KAPPLER 1463 (fl. Febr-April) ex Schumann l. c. 98.

Para district, near Osembo: FOCKE 33 H. L. B. 901, 199—64 (fl April).

Surinam: HOSTMANN 128 ex Schumann l. c., Dr. VOLTZ in Hb Rheno-
Traject.

Northern Brazil

Calathea strobilifera (Miq.) Körn. in Bull. Soc. Nat. Moscou XXXV
1 p 143.

Marantha strobilifera Miq in Linnaea XXII p 79

Saramacca River, near Groote Poica KEGEL 1469 in forests (fl. May)

Calathea grandis Petersen Fl Bras. III. 3 p. 124.

Paramaribo · WULLSCHLÄGEL 516 in forests.

Calathea zingiberina Körn. in Bull Soc Nat Moscou XXXV 1. p. 122

Para River WULLSCHLÄGEL 1137 ex Petersen l. c. 116 t. 28

Northern Brazil.

MARANTA Linn.

Maranta arundinacea Linn. Spec Plant ed. I. p. 2

Marowijne River, near Albina VERSTEEG 550.

Surinam River, near plant. la Rencontre: FOCKE 793 (fl April) named ·

Maranta protracta Miq. in Linnaea XVIII p. 71.

Paramaribo · VERSTEEG 463 (fl June), TULLEKEN 31 H L. B 903,
322—1271 (fl. July).

Cottica River, near Oranjewoud · FOCKE 724 (fl. Octob.)

Para River, near Osembo. FOCKE 573 (fl. April).

Surinam HOSTMANN H L. B. 903, 322—218 and 209; Dr. VOLTZ with-
out number in Hb. Rheno-Traject, SPLITGERBER 339 H. L. B. 901,
199—12 and 460 H. L. B. 901, 199—14.

Vernacular name: Arrow-root.

All tropical countries

Maranta divaricata Rosc. Monandr. pl. t. 27.

Lawa River, near Cottica VERSTEEG 330 (fl. Octob.).

Upper Tapanahoni River: VERSTEEG 789 (fl. Sept.).

Brazil, Venezuela, Columbia, British-Guyana.

MYROSMA Linn. f

Myrosma cannifolia Linn. f Suppl p. 80.

Para district: SPLITGERBER 1035 H. L. B. 905, 88—121 in forests (fl. May).

Para River, near Onoribo . FOCKE 889 in savannahs (fl. March).
Guyana, Venezuela.

ISCHNOSIPHON Körnicke.

Ischnosiphon surinamensis (Miq.) Körn. in Bull. Soc. nat. Moscou XXV.
1 p. 93.

Maranta surinamensis Miq. in Linnaea XVIII p. 603 and XXII p. 79
Lower Surinam River, near plant. Quarta . KEGEL 472 in forests (fl. Aug.)
Para River, near Onoribo : FOCKE 892 in savannahs (fl. March);
HOSTMANN and KAPPLER 1525 ex Schumann l. c. 160
French Guyana, Northern Brazil

Ischnosiphon gracilis (Rudge) Körn. in Bull. Soc. natur. Moscou XXXV.
1 p. 94

Maranta gracilis Rudge Pl. guyan. p. 58 t. 3
Lawa River, near Cottica Mountains . VERSTEEG 309 in swamps (fl. Octob.)
Upper Marowijne River, near Poeloegoedoe . VERSTEEG 590 in forests
(fl. July)
Para district : SPLITGERBER 1075 H. L. B. 901, 199—23 in forests (fl. May).
Sara-kreek, near placer l'Union . WENT 514 (fl. Octob.)
Upper Nickerie River, near Fallawatra . TULLEKEN 443 H. L. B. 903,
322—1569 in forests
Vernacular name : "Warimbo".
Guyana, Brazil

Ischnosiphon obliquus (Rudge) Körn. in Bull. Soc. natur. Moscou
XXXV. 1. p. 88.

Maranta obliqua Rudge. Pl. Guyan. l. p. 8 t. 2.
Lower Surinam River, near plant. Jagtlust . SPLITGERBER 583 H. L. B.
901, 199—25 in forests (fl. Febr.)
Lower Surinam River, near plant. Geyersvlyt . KEGEL 724 named by
Miquel *Maranta Cassupo* Jacq. in Linnaea XXII p. 78.
Para River, near Osembo . FOCKE 578 (fl. April) named by Miquel
Phrynium casupo Roscoe in Linnaea XVIII p. 73
Para River, near Beekhuizen . KAPPLER 675 ex Schumann l. c. 164
Surinam : LANDRÉ H. L. B. 901, 199—4 and H. L. B. 905, 88—101,
named *Calathea macrostachya* Klotzsch; HOSTMANN 7 ex Schumann
l. c. 164.
Brazil, Columbia, Guyana, Martinique.

Ischnosiphon violaceus Pulle nova spec.

folia spicaque in apice caulis congesta, folia glaberrima, lanceolato-
elliptica, basi acuta, apice acuminata, petioli pars superior callosa,
racemus solitarius

Herba perennis ex affinitate cum *I. Martiano* Eichl. Caulis e rhizomate rubro erectus, sparse hirsutus, 64 cM. longus Ramus florens foliis regulariter distichis munitus caulem terminans Folia ad 11 congesta Vagina 13—17 cM longa, petiolus 7—10 cM longus, pars superior ad 2—3 cM longa teres callosa minute puberula Lamina siccitate brunnea, glabra, 25—28 cM longa, 7—8 cM. lata, vix excentrice acuminata Racemus solitarius, 32 cM longus, pedunculo ad 40 cM longo suffultus, glaber Bracteae ad 14, glabrae, infima acuminata, ceterae obtusae, coriaceae $2\frac{1}{2}$ — $3\frac{1}{2}$ cM. longae Paria florum sessilium 3, bracteolae apice claviculato-induratae lineares, 3 cM. longae, ovarium sericeum, sepala 18 mM. longa linearia, glabra; corollae violaceae tubus $2\frac{1}{2}$ cM longus, lobi 12 mM. metientes Fructus non suppetit

Pl. II.

Upper Saramacca River, near Janbasigado. PULLE 175 (fl. Jan)

MONOTAGMA K. Schum

Monotagma laxum (Pöpp. et Endl.) K. Schum. in das Pflanzenreich IV. 48 p. 168.

Calathea laxa Pöpp. et Endl. Nov. Gen. et Spec. II. p. 22 t. 130

Surinam KAPPLER 1335.

Peru, Venezuela, Guyana

Monotagma Parkeri (Roscoe) K. Schum Pflanzenreich IV. 48. p. 168.

Phrynium Parkeri Roscoe Monandr. Pl. t. 42.

Paramaribo: KAPPLER 1646 named *Maranta lachnocaula* Miq. in Linnaea XVIII p. 755

Near Poelephantje: KEGEL 76 in forests (fl. July).

Surinam River, near Koffiedjampo. VERSTEEG 510 in forests (fl. June).

Upper Nickerie River, near Fallawatra: TULLEKEN 468 H. L. B. 903, 322—1535 (fl. Sept.).

Surinam: HOSTMANN H. L. B. 903, 322—143.

Guyana, Peru.

Monotagma guyanense (Körn.) K. Schum Pflanzenreich IV. 48 p. 169

Ischnosiphon guyanense Körn. in Bull. Soc. nat. Moscou XXXV. 1 p. 87

Gonini River: VERSTEEG 186 on the riverside (fl. Aug.).

Para River, near Beekhuizen. KEGEL 675 (fl. Sept.) named by Miquel *Maranta obliqua* Rudge in Linnaea XXII p. 79.

Commewyne River, near plant. Cannawappibo: SPLITGERBER 289 H. L. B. 899, 139—604 and 605 in forests (fl. Dec.).

French Guyana.

Monotagma surinamense Pulle nova spec.

folia minus obliqua, petioli pars callosa basi annulata, ram. paniculae breves, dorsiventrales.





S. Vinschoten del.

Lith. firm. P. W. M. Trög.

Nectagma surinamense Pulle.

Planta subrobusta elata. Folia caulina 4—5 $\frac{1}{2}$ cM. longe petiolata; vaginae 18—23 cM. longae, 1,5 cM. latae, hirsutae, Petioli pars callosa 7—10 mM. longa, villosa, basi annulata Folia ad 35 cM longa, 10 cM. lata supra glabra, subtus breviter adpressequ villosa, basi acuta, apice vix excentrice acuminata Folium panniculam committans basi rotundatum, prope petiolum abrupte angustatum et acuminatum Petioli pars callosa 3 mM. longa, petiolus 7 mM longus, vagina 7 cM longa Panniculae 3 congestae, major 7 cM longa, pedunculo ad 32 cM longo glabro suffultae. Ovarium glabrum, sepala obtusa, 6 mM. longa. Corollae tubus 16 mM longus, lobi rosei, staminodia.

Pl. III.

Upper Saramacca River PULLE 208 (fl. March).

THALIA Linn.

Thalia geniculata Linn. Spec pl. ed. 1. p 3.

Paramaribo · SPLITGERBER 169 H. L. B. 901, 199—84 and 85 in swamps (fl. Nov), near plant. Quarta. KEGEL 603 in ditches (fl Sept.), near Wanicapad; FOCKE 637 in water (fl Sept.).

Lower Surinam River, near plant. Jagtlust. WENT 324 in forests (fl. Aug.)

Para River, near Beekhuizen: VERSTEEG 489 in swamps (fl. June).

Tropical and subtropical America and Africa.

BURMANNIACEAE.

DICTYOSTEGIA Miers

- Dictyostegia orobanchoides** Miers in Proc. Linn Soc I (1840) p 61
Upper Gouini River VERSTEEG 179 in forests (fl. Aug).
Trinidad, French Guyana, Northern Brazil.

APTERIA Nutt.

- Apteria hymenanthera** Miq Sturp Surin. Select p 216 t 65 fig A
Lawa River, near Cottica Mountains VERSTEEG 304 in swamps (fl. Oct.)
Paramaribo, near Plant Quarta KEGEL 153 in forests (fl. July) named
by Miquel *Apteria setacea* Nutt. in Linnaea XXII p. 78.
Upper Surinam River, near Bergendal. FOCKE 1337 (fl. May)
Surinam HOSTMANN 959
West-Indian Islands, Northern Brazil, French Guyana.

BURMANNIA Linn.

- Burmannia bicolor** Mart Nov Gen. I p. 10 tab. 5 fig 1
Para district in savannahs: SPLITGERBER 980 H. L. B. 898, 319—39
(fl. March)
var. β *subcoelestis* Malme in Bih. till Svenska. Vet Akad. Handl XXII
Afd. III n. 8. p. 22 Taf. I fig 3c.
Para River, near plant l'Inquiétude. FOCKE 1024, named *Burmannia*
brachystachya Miq in Linnaea XIX p. 141
Surinam River, near Joden Savanne. KEGEL 229 (fl. Nov)
Surinam HOSTMANN and KAPPLER ed Hohenacker 797 on sandy spots,
named *Burmannia quadriflora* Willd
Cuba, Guyana, Brazil.

- Burmannia capitata** (Walt.) Mart Nov. Gen I p. 12
Anonymos capitatus Walt. Flora Carol (1788) p 69

Paramaribo, on sandy spots: KEGEL 295 (fl. Aug.)

Para district, near Onoribo. SPLITGERBER 673 H. L. B. 898, 319—44;
Focke 1050.

Lower Surinam River, near Station Victoria: KAPPLER ed Hohenacker
1332 (fl. April).

Surinam. HOSTMANN 978 in Hb. Rheno-Traject.

West-Indian Islands, Florida, Carolina, Guyana, Brazil, Paraguay.

ORCHIDACEAE

SELENIPEDIUM Reichb. f.

Selenipedium palmifolium (Lindl.) Reichb. f. *Xenia* Orchid. I 5 t 2.
fig 6—9

Cypripedium palmifolium Lindl. Gen. et Spec Orch. 527.

Surinam. HOSTMANN ex Cogniaux *Flora Bras III* 4 p 14.

Northern Brazil, Guyana, Trinidad.

HABENARIA Willd.

Habenaria Sartor Lindl. in Hook. Lond Journ. of Bot. II. 662.

Para River, near Plant. Onoribo: SPLITGERBER 754 H. L. B. 903,
16—269, 270 (fl. March).

Tropical Brazil.

Habenaria macroceratitis Willd. Spec plant. IV. 44.

Surinam ANDERSON, BERTHOUD COULON 77 ex Gogmaux l. c. 36.

British Guyana, West-Indian Islands.

Habenaria heptadactyla Reichb f in Schomb. Fauna et Flora Guyan.
1123.

Lower Saramacca River, near Saron: KEGEL 1283, on sandy spots
(fl May) ex Reichb f. in *Linnaea* XLI p 125.

Northern Brazil, British Guyana, Venezuela.

Habenaria pratensis (Lindl) Reichb. f. in *Linnaea* XXII p. 813

Bonatea pratensis Lindl Gen. et Spec Orchid. 328.

Surinam WULLSCHLAGEL 529 ex Cogn. l c. 86

Brazil, French Guyana

Habenaria parvidens Lindl Gen. et Spec. Orch. 317.

Surinam SPLITGERBER ex Reichb f *Kruidk Archief*. IV. p. 320.

Peru.

Habenaria obtusa Lindl. Gen. et Spec. Orch. 315

Surinam River, near Joden Savanne. SPLITGERBER 856 H. L. B. 903
16—168 (fl. Apr.)

Tropical Brazil.

POGONIA Juss

Pogonia paludosa Reichb. f Xenia Orchid II 92.

Para River in swamps. KAPPLER 1492 ex Reichb. f. Linnaea XXII
p 816 where the plant is named *Cleistes paludosa Reichb. f.*
French Guyana.

Pogonia surinamensis Lindl in Hook. Lond. Journ. of Bot II. 674

Para River, near Onoribo SPLITGERBER 653 (fl. March) ex Reichb. f
Ned Kruidk. Archief IV. p. 322
Guyana, Trinidad, Porto Rico

VANILLA Juss.

Vanilla inodora Schiede in Linnaea IV p. 574

Lower Surinam River, near plant Jagtlust · SPLITGERBER 409 ex Reichb.
f Ned. Kruidk. Arch IV p 321, named erroneously. *Vanilla suri-*
namensis Splitg

Surinam SPLITGERBER H L B. 905, 88—84 named *Vanilla guyanensis*
Splitg Ann. des Sc nat. ser. II. T. XV. p. 279: HOSTMANN 71 ex
Rolfe in Journ Linn Soc. (Botany) vol XXXII. p. 450.

Mexico, West-Indian Islands, British Guyana

Vanilla acuta Rolfe l c. 453.

Surinam. KAPPLER ex Rolfe l. c.

British Guyana. (?).

Vanilla Wrightii Reichb f. in Flora XLVIII p. 273.

Surinam. HOSTMANN 33 ex Rolfe l. c. 454.

West-Indian Islands, British Guyana.

Vanilla palmarum Lindl. Gen. et Spec. Orch. p. 436

Upper Surinam River, near Blauwe Berg: SPLITGERBER 925 H L B.
905, 88—85 (fl. May)

Para district WULLSCHLAGEL 1597 ex Cogn l. c. 154

Tropical Brazil.

Vanilla Hostmanni Rolfe l. c. 462.

Upper Litame River, near Mount Knopaiamoi · VERSTEEG 378 (fl Nov.)
As Rolfe's description in very short, I am not quite certain about
this species.

Surinam · HOSTMANN 306 ex Rolfe l. c. 462.

Vanilla planifolia Andrews Botan. Reposit VIII t 538

Surinam WULLSCHLAGEL 1132 ex Cogn. l c 174.

Vernacular name. »Banilla" or »Banirie."

Cultivated in all tropical countries.

Vanilla Pompona Schiede in Linnaea IV. p. 573.

Surinam SPLITGERBER, named *Vanilla guyanensis Splitg* (part.) ex Rolfe l. c. 466.

Para River, near plant. Berlyn. WULLSCHLÄGEL 1807 ex Cogn. l. c. 148 Mexico, Tropical South-America.

Vanilla marowynensis Pulle nova spec

Caulis robustusculus teres, foliis breviter crasseque petiolatis, coriaceis, siccitate margine valde revolutis, ovato-lanceolatis, apice rotundatis et abrupte acuminatis, basi rotundatis vel vix cordatis Petiolus crassus, profunde canaliculatus Spicae multiflorae, breviter pendunculatae, rachi crassa, bracteis parvis, obtusis, valde concavis. Flores magni, ovario arcuato, terete, sepalis ovato-lanceolatis, inferne attenuatis, apice obtusis, petalis sepalis vix brevioribus et angustioribus, sub-planis elongato-oblongis subspathulatis, inferne longe attenuatis, apice obtusissimis, dorso crasse costatis et sub apice apiculatis Labello sepalis paulo brevior, basi columnae longiuscule adnato, inferne unguiculato, intus dense piloso, limbo patulo, obscure trilobato, lobis lateralibus valde inflatis, lobo intermedio apice inciso, margine undulato, appendicibus foliaceis densissime suffulto Columna brevis, antice pilosa.

Caulis longissimus, geniculatus carnosus et ad nodos radicans Folia internodis saepius $1\frac{1}{2}$ —2 plo longiora, siccitate coriacea, 12—15 cM longa, $4\frac{1}{2}$ —6 cM lata, basi in petiolum crassum late profundeque canaliculatum circiter 1 cM longum abrupte contracta, nervis numerosis siccitate utrinque valde prominentibus. Pedunculus communis erectus, 12-florus, siccitate 4 cM. longus Bractee 4 mM longae, 2 mM. latae Ovarium 4 cM longum Sepala 5 cM longa, 16 mM lata tenuiter 9—11 nervia Petala vix 5 cM longa, 14 mM. lata. Labellum $4\frac{1}{2}$ cM longum, 15 cM latum, columna 3 cM. longa. Fructus ignotus.

Pl. IV

Upper Marowyne River, near Poeloegoedoe: VERSTEEG 623 (fl July).

SPIRANTHES L. C Rich.**Spiranthes guyanensis (Lindl) Cogn.** Flora Bras. III. 4. p. 209.

Goodyera guyanensis Lindl. Gen. et Spec. Orch. 494.

Paramaribo: KEGEL 468, named *Spiranthes Hostmanni Reischb. f.* in Linnaea XLI 125; FOCKE 1420

Surinam. WULLSCHLÄGEL 541, HOSTMANN 386 and 841; BERTHOUD COULON 80 ex Cogn. l c 210, HOSTMANN. H. L. B. 904, 322—109.

Guyana, Trinidad

Spiranthes acaulis (Smith) Cogn. Flora Bras. III. 4. p 221

var. β *grandiflora* Lindl. ex Reischb. f. Ned. Kruidk. Arch. IV. 320.

Lower Surinam River, near Beekhuizen KEGEL 1024 in forests (fl. Sept) ex Reischb. f. Linnaea XLI. p. 125.

Pl. IV.



St. Inochoten del.

T. A. H. firmus P. W. M. T. r. o. n.

Surinam. SPLITGERBER 324 ex Reichb fl.
Tropical Brazil, British Guyana

PHYSURUS L. C. Rich.

Physurus Peterianus Cogn Fl. Bras. III. 4. p. 228

Paramaribo: KEGEL 467 in forests (fl Aug.) ex Reichb. f Linnaea XLI
p 125 named *Physurus roseus Lindl*

Surinam: DUMORTIER without number

LIPARIS L. C. Rich.

Liparis Kappleri Reichb. f. Walp. Ann Bot. VI. 218

Para River KAPPLER 1491 in swamps ex Cogn l. c. 288.

GALEANDRA Lindl

Galeandra juncea Lindl Sert. Orch t 37

Paramaribo FOCKE 1430 (fl. Aug)

Para district near plant. Berlijn. SPLITGERBER 709 H. L. B. 903, 322 —2242
in savannahs

Saramacca River, near Saron: KEGEL 1284 on sandy spots ex Reichb. f.
Linnaea XLI p. 129

Surinam WULLSCHLAGEL 544 ex Cogn l. c. 306.

Tropical Brazil, British Guyana.

POLYSTACHYA Hook

Polystachya luteola (Swartz) Hook Exot. Fl. t. 103.

Cranichs luteola Swartz Fl Ind. Occ. III 1433.

Paramaribo, near Oude Rijkweg and near plant. Quarta KEGEL 679
ex Reichb. f Linnaea XLI 128 in forests (fl. July).

Para district FOCKE ex Tijdschrift Natuurk Wetensch. II p. 203.

Lower Surinam River, near Jagtlust SPLITGERBER 427 H. L. B. 905,
83—246 and SPLITGERBER 425 H. L. B. 905, 83—247.

Surinam WULLSCHLAGEL 531 ex Cogn l. c. 313.

Mexico, tropical South-America.

Polystachya foliosa Reichb. f. in Walp. Ann. Bot. VI. 640

Upper Marowyne River, near Poeloegoedoe. VERSTEEG 603 (fl. July).

Marowyne River KAPPLER 1838 ex Cogn. l. c 317.

Para district, near Berlijn. WULLSCHLAGEL 553 and 1108 ex Cogn.
l c 317; FOCKE ex Cogn l. c 317.

Northern Brazil, British Guyana, Trinidad.

MASDEVALLIA Ruiz et Pav.

Masdevallia minuta Lindl. in Ann. Nat. Hist. XII. 396.

Lower Surinam River, near Paramaribo. FOCKE in Tijdschr. Natuurk
Wetensch. IV. 62 named *M. surinamensis Focke*.

- Paramaribo: WULLSCHLAGEL 538 ex Cogn. l. c. 334
 Para district, near plant. Berlin · SPLITGERBER 719 on trees (fl. March)
 ex Reichb. f. Ned. Kruidk. Arch. IV. 335
 Para River: KAPPLER 1534 ex Cogn. l. c. 334
 Near Joden Savanne KEGEL 878 (fl. May)
 Saramacca River, near Maripaston. KEGEL 1349 (fl. May) ex Reichb. f.
 Linnaea XLI. p. 133.
 Surinam Hostmann 151 ex Cogn. l. c. 334.
 British Guyana

STELIS Swartz.

- Stelis argentata* Lindl. in Bot. Regist. XXVIII Misc. p. 64 n^o. 78.
 Upper Marowynne River VERSTERG without number (fl. July).
 Surinam River, near Sornau creek. KEGEL 1201 (fl. Nov.) ex Reichb. f.
 Linnaea XLI p. 134
 Surinam FOCKE, named *Stelis Heyladyana* Focke in Tijdschr. Natuurk.
 Wetensch. II p. 201, HOSTMANN 1206; KAPPLER 788; HOSTMANN
 and KAPPLER 1322 ex Cogn. l. c. 341.
 Guyana, Venezuela

PLEUROTHALLIS R. Br

- Pleurothallis Lanceana* Lodd. Bot. Cab. t. 1767.
 Paramaribo, near Beekhuizen KEGEL 930 (fl. July) ex Reichb. f.
 Linnaea XLI p. 132.
 Para River, near plant. Berlin · FOCKE named *Pleurothallis crassifolia*
Focke, in Tijdschr. Natuurk. Wet. II. 196
 Surinam: LANCE, WULLSCHLAGEL 1111.
Pleurothallis pruinosa Lindl. in Bot. Reg. XXVIII Misc. p. 75.
 Para district, near Joden Savanne · KEGEL 623 (fl. Aug.) ex Reichb. f.
 Linnaea XLI p. 133
 Lower Commewyne River, near plant. Holland: SPLITGERBER 517
 Surinam · FOCKE, ex Tijdschr. Natuurk. Wetensch. II. 202, named
Stelis (?) flavida Focke
 French Guyana, Porto-Rico, Jamaica.

Pleurothallis longirostris Focke in Bot. Zeit. 1853 p. 341.

- Paramaribo. KEGEL 656 ex Cogn. l. c. 432.
 Para district FOCKE ex Botan. Zeit. l. c.
 Surinam WULLSCHLAGEL 1112.

Pleurothallis Fockei Lindl. Folia Orchid. Pleuroth. 23.

- Paramaribo, and Para district FOCKE in Botan. Zeit. 1853 p. 339 named
Pl. tricarinata Focke (non Popp. et Endl).
 Para district near Topibo: WULLSCHLAGEL 1591.

Pleurothallis brevipes Focke in Tijdschr. Natuurk. Wetensch II p. 198.

Para district · FOCKE

Surinam: WULLSCHLÄGEL 1589 ex Cogn. l. c. 441.

Pleurothallis Kegelii Reichb. f. in Linnaea XLI. 132

Paramaribo, near plant Quarta · KEGEL 1244 in forests (fl. Jan.) ex

Reichb. f. l. c.

Pleurothallis Miqueliana Lindl. Folia Orchid. Pleuroth. 17.

Para River · FOCKE in Tijdschrift Natuurk. Wetenschapp. II. 199 named ·

Specklinia (?) *Miqueliana* Focke.

Surinam: WULLSCHLÄGEL 1586

Pleurothallis barbulata Lindl. Folia Orchid. Pleuroth. 40

Surinam · FOCKE ex Botan. Zeit. 1853 p. 227 named · *P. barbata* Focke.

(non Westcott)

Pleurothallis marginata (L. C. Rich.) Cogn. Flora Bras. III. 4 p. 478.

Epidendrum marginatum L. C. Rich. in Act. Soc. Hist. Nat. Paris I. 112

Paramaribo · KEGEL 627 ex Reichb. f. in Linnaea XLI. p. 133 named

Pleurothallis uniflora Lindl.

Upper Commewyne River · FOCKE ex Tijdschr. Natuurk. Wetensch.

IV p. 63 named *Pleurothallis striata* Focke

Para district. WULLSCHLÄGEL 1110 and 1587 ex Cogn. l. c. 479

French Guyana, Rio de Janeiro.

Pleurothallis semperflorens Lindl. Folia Orchid. Pleuroth. 40.

Upper Commewyne River · FOCKE in Tijdschrift Natuurk. Wetensch

II p. 195 named *Pleurothallis acuminata* Focke (non Lindl.); Miquel,

Sturp. Surin. Select. p. 215 fig. 64 B

Lower Saramacca River, near Maripaston · KEGEL 1348 in forests

(fl. May) ex Reichb. f. in Linnaea XLI p. 133.

Guyana.

Pleurothallis picta Lindl. in Bot. Regist. XXI. sub tab. 1797 et 1825

Upper Litanie River, near Knopajamoi. VERSTEEG 403 (fl. Dec)

Para district, near plant. Berlijn: SPLITGERBER 726 H. L. B. 904, 341—100

Para district, near Joden Savanne · KEGEL 1083 ex Reichb. f. Linnaea

XLI p. 132 (fl. Nov.)

Saramacca River. PULLE 64 (fl. Nov.)

Upper Coppename River · BOON 1171 and 1172

Surinam · FOCKE in Tijdschr. Natuurk. Wetensch. II. 194 named

Pleurothallis surinamensis Focke. Miquel Sturp. Surin. Select. p. 214

tab. 64a., HOSTMANN 279 and 702a; WULLSCHLÄGEL 537.

Tropical Brazil; Guyana.

Pleurothallis acutissima Lindl. Folia Orchid. Pleuroth. 43.

Para River, near Berlijn WULLSCHLAGEL 535 and 1588
 Amazondistrict, French Guyana

Pleurothallis ovalifolia (Focke) Reichb. f in Walp Ann. Bot VI 188.

Stelis ovalifolia Focke in Tijdschr Natuurk. Wetensch. II. 202.

Para district. WULLSCHLAGEL ex Cogn. l c 579.
 Surinam Focke ex Tijdschr l. c.

Pleurothallis villosa Knowl et Westc. Flor. Cab II. 78.

Paramaribo. KEGEL 840 ex Reichb. f Linnaea XLI p. 133 named
Pleurothallis lepanthiformis Reichb f.
 Venezuela, Trinidad, Mexico.

Pleurothallis orbicularis Lindl. Bot. Regist XXVIII Misc. p. 79.

Para district, near Berlijn Focke in Tijdschr Natuurk. Wetensch. II.
 197 named. *Pleurothallis biflora* Focke.

Saramacca River, near Maripaston KEGEL 1352 (fl. May) ex Reichb f
 Linnaea XLI p 133.

Surinam WULLSCHLAGEL 159 ex Cogn. l. c. 587.
 British Guyana, Trinidad.

LEPANTHES Swartz**Lepanthes helicocephala** Reichb f. Xenia Orchid. I. 150

Surinam River, near Maripaston. KEGEL 1350 in forests ex Reichb f.
 Linnaea XLI p 134.
 Brazil.

RESTREPIA Kunth.**Restrepia Kegelii** Reichb. f. in Linnaea XLI p 133.

Saramacca River, near Maripaston KEGEL 1355 in forests (fl. May)
 ex Reichb. f. l. c.

OCTOMERIA R. Br.**Octomeria surinamensis** Focke in Tijdschr. Natuurk. Wetensch II. 200.

Marowyne River, near Poeloegoedoe VERSTEEG 591 (fl. July).

Para district Focke l. c.

Saramacca River, near Maripaston KEGEL 1421 in forests (fl. May)
 ex Reichb. f. Linnaea XLI p 134

Surinam. WULLSCHLAGEL 1595 ex Cogn. l. c. 617.

ORLEANESIA Barb. Rodr.**Orleanesia amazonica** Barb. Rodr. Gen. et Spec. Orchid. Nov. I. 64

Gonini River, near Gransoela VERSTEEG 161 (fl. Aug.)

Lawa River, near Cottica VERSTEEG 286 (fl. Octob.)
 Upper Tapanahoni River · VERSTEEG 729 (fl. Aug.)
 Upper Coppename River, near Raleighfalls · BOON 1244 (fl. Octob.)
 Amazon district

PONERA Lindl

Ponera Jelskii Reichb f in Linnaea XLI 85.
 Surinam. DE JELSKI ex Reichb. f l. c

SCAPHYLOTTIS Pöpp et Endl.

Scaphyglottis violacea Lindl. in Botan. Reg XXII tab 1901
 Upper Tapanahoni River : VERSTEEG 829 (fl. Aug.).
 Upper Nickerie River, near Blanche Marie falls. TULLEKEN 350
 H L. B 903, 322—1039. (fl. Sept.).
 Amazon district, British Guyana.

Scaphyglottis prolifera (R Br.) Cogn Flora Bras. III 5 p 15
Isochilus prolifer R Br in Ait Hort Kew ed 2 V. 209.
 Surinam River, near Poelephantje. KEGEL 681 ex Reichb. f Linnaea
 XLI 131 named *Ponera prolifera Reichb f* (fl. Sept.).
 Surinam WULLSCHLÄGEL 1594 ex Cogn l c. 16.
 Tropical Brazil, French Guyana

HEXISEA Lindl.

Hexisea reflexa Reichb f in Griseb. Flora Br. West Ind. Islands 623
 Upper Surinam district, near plant. La Diligence : WULLSCHLÄGEL
 560 ex Cogn. l. c 22
 Saramacca River, near Maripaston · KEGEL 1422 (fl. May) ex Reichb
 f. Linnaea XLI p. 132.
 Tropical Brazil, Trinidad, Grenada

LANIUM Benth

Lanium microphyllum (Lindl) Benth. in Hook. Ic. Plant. XIV tab 1334.
Epidendrum macrophyllum Lindl. in Hook. Journ. of Bot III. 85.
 Lawa River : VERSTEEG 116 (fl. Aug.)
 Tapanahoni River. VERSTEEG 659 (fl. July)
 Paramaribo : WULLSCHLÄGEL 1115 ex Cogn. l. c. 28.
 Lower Coppename River WENT 152 (fl. Aug.).
 Upper Coppename River · BOON 1174 (fl. Sept.)
 Surinam HOSTMANN 626, FOCKE ex Tijdschrift Natuurk. Wetensch.
 IV. p. 67, named *Epidendrum* (?) *sarcophyllum Focke.*
 British Guyana.

EPIDENDRUM Linn.

Epidendrum paleaceum (Lindl.) Reichb. f. Beitr. Orch. Cent. Am. 80.

Dinema paleacea Lindl. in Botan. Reg. XXVI Misc. p. 51.

Between the Saramacca and the Coppename River, in forests. KEGEL

1451 (fl. June) ex Reichb. f. Linnaea XLI. p. 130.

Mexico, Guatemala, Costa Rica.

Epidendrum chloroleucum Hook. in Botan. Mag. tab. 3557.

Paramaribo. KEGEL 484 (fl. Aug.)

Cassepoera River. KEGEL 874 (fl. Nov.)

Cottica River, near Vaderzorg. KEGEL 874 (fl. Aug.) ex Reichb. f.

Linnaea XLI. p. 130.

British Guyana.

Epidendrum oncioides Lindl. Botan. Reg. tab. 1623.

Lawa River, near Cottica Mountains. VERSTEEG 267 (fl. Octob.)

Tapanahoni River, near Drie Tabbetje. VERSTEEG 723 (fl. Aug.)

Paramaribo. WULLSCHLÄGEL 1117 ex Cogn. l. c. 48

Lower Surinam River, near plant. Domburg. TULLEKEN 277 H. L. B.

903, 322—1609 (fl. Aug.)

Para district. WULLSCHLÄGEL 530 on trees and on sandy spots ex

Cogn. l. c. 48.

Surinam River, near Joden Savanne. FOCKE 237 and 823 named *Epiden-*

drum (*Encyclium*) *spectabile* Focke in Botan. Zeit. 1853 p. 229, KEGEL

1081 (fl. Jan.) ex Reichb. f. Linnaea XLI. p. 130.

Upper Saramacca River, near Brokoboto falls. PULLE 425 (fl. Jan.)

Surinam. FOCKE 38 (fl. July).

Tropical Brazil, Venezuela, French Guyana.

var. β . **graniticum** Lindl. in Hook. Journ. of Botan. III. 83.

Para district: HOSTMANN and KAPPLER 792,

Surinam: FOCKE 457 named *Epidendrum affine* Focke in Botan.

Zeitung 1853 p. 341. NOLTE ex Cogn. l. c. 49.

British Guyana, Trinidad.

Epidendrum dichromum Lindl. in Botan. Reg. XXIX Misc. p. 78.

Saramacca River, near Maripaston. KEGEL 1354 in moist forests

(fl. May) ex Reichb. f. Linnaea XLI. p. 130

Tropical Brazil.

Epidendrum clavatum Lindl. in Botan. Reg. XXII. t. 1876.

Upper Litane River. VERSTEEG 380 (fl. Dec.)

Coppename River. BOON 1226 (fl. Octob.)

Surinam. WENT cultivated in the Utrecht Botanic Gardens.

British Guyana, Venezuela, Costa Rica

var. β . **purpurascens** (Focke) Cogn. l. c. 74.

Epidendrum purpurascens Focke in Tijdschrift Wis- en Natuurk. Wetensch
IV. p. 64

Upper Surinam and Commewyne River: FOCKE l. c

Surinam: FOCKE 842; WULLSCHLÄGEL 1113 ex Cogn l. c. 74

Epidendrum variegatum Hook in Bot. Mag. tab 3151.

Tapanahoni River, near Drie Tabbetje: VERSTEEG 651.

Marowynne River, near Poeloegoedoe: VERSTEEG 604 (fl. July)

Upper Tapanahoni River, near Mount Teeboe: VERSTEEG 777
(fl Aug)

Para district: WULLSCHLÄGEL 1118 ex Cogn. l c 79

Coppename River. BOON 1142 (fl Sept.)

Tropical Brazil, Ecuador, Venezuela, Cuba

Epidendrum fragrans Swartz Prodr. Ind Occ 123

Upper Tapanahoni River, near Mount Teeboe VERSTEEG 804 (fl Aug)

Paramaribo KEGEL 677, near plant Tourtonne KEGEL 861 ex Reichb.
f in Linnaea XLI p. 131 named *E. aemulum* Lindl

Lower Surinam River: KAPPLER 1845 ex Cogn l c. 86.

Para district, near plant Berlijn: SPLITGERBER 696 H. L. B. 902, 322 —
1784 (fl. March)

Surinam FOCKE 127; HOSTMANN 205 in Herb. Rheno-Traj; HOSTMANN
636a; WULLSCHLÄGEL 552 ex Cogn. l. c. 86.

Tropical South-America.

Epidendrum cearense Barb Rodr Gen et Spec. Orch. Nov II. 141

Paloemee River VERSTEEG 896 (fl. Sept.).

Lawa River, near Cottica: VERSTEEG 263 (fl. Octob.)

Northern Brazil.

Epidendrum anceps Jacq Select Stirp Am. 224 t. 138.

Lower Surinam River, near plant Jagthust: SPLITGERBER 394 H L B.
902, 322—1728, 1729

Para district: WULLSCHLÄGEL 1120 ex Cogn l c 115.

Tropical America.

var. β *virescens* Lindl. Folia Orchid Epidendr 65

Saramacca River, near Maripaston KEGEL ex Cogn l c 116, HOSTMANN
576a. ex Cogn. l. c 116

Columbia.

Epidendrum Schomburgkii Lindl in Botan Reg. XXIV. Misc No 16
et tab. 53.

Paramaribo: KEGEL 1081 (fl. March).

Cassepoera kreek: KEGEL 1101 (Nov.) ex Reichb. f Linnaea XLI
p 131

Paramaribo, near Wanica kreek SPLITGERBER 1057 H. L. B 902, 322—1844 (fl. June)

Upper Commewyne River: FOCKE 57 and 1057.

Saramacca River: WULLSCHLÄGEL 1114 ex Cogn. l c 121

Northern Brazil, British Guyana, Trinidad.

Epidendrum imatophyllum Lindl Gen et Spec Orchid. 106

Paloemee River VERSTEEG 882 (fl Sept.)

Para district: KAPPLER 1656 ex Cogn. l c. 124

Saramacca River WULLSCHLAGEL 1119.

Upper Commewyne River: FOCKE in Tijdschrift Wis- en Natuurk. Wetensch IV. 65 named *E. flexuosum* G. F. W. Meyer.

Arecare kreek KEGEL 1086 (fl Nov) ex Reichb. f Linnaea XLI p 131.

Surinam SPLITGERBER 353, HOSTMANN 405, NOLTE ex Cogn. l. c. 124, HOSTMANN H L. B 903, 322—313.

Guyana, Northern Brazil.

Epidendrum nocturnum Jacq. Enum Pl. Carib. 29

Marowyne River, near Poeloegoedoe VERSTEEG 605 and 622 (fl. July).

Litanie River, near Mount Knopaiamo VERSTEEG 383 (fl Dec)

Para district, near Onoribo. SPLITGERBER 671 H L. B 902, 322—1801, 1802.

Paramaribo WULLSCHLAGEL 555 ex Cogn. l c 136

Para district near Joden Savanne KEGEL 1085 (fl. Nov.) ex Reichb f. Linnaea XLI. p. 331.

Saramacca River, near Lawalifalls: PULLE 488 (fl. March)

Surinam. FOCKE 126 and 897 in Herb. Rheno-Traject; HOSTMANN 36 ex Cogn l. c.

Tropical South-America.

var. *β. latifolium* Lindl. in Bot. Regist. XXIII tab. 1961.

Paramaribo: WULLSCHLÄGEL 555 p. p ex Cogn. l. c. 136.

West-Indian Islands.

Epidendrum latilabre Lindl in Botan Reg. XXVII Misc. p 77

Upper Saramacca River, near Brokobotofalls: PULLE 430 (fl Jan.)

Tropical Brazil, French Guyana, Peru.

Epidendrum difforme Jacq Enum. Pl Carib. 29

Para district. WULLSCHLAGEL 1116 ex Cogn. l. c. 141

Lower Surinam River. KAPPLER 1379 ex Cogn l c. 141.

Surinam NOLTE ex Cogn. l c 141.

All tropical America.

Epidendrum sculptum Reichb f. in Bonplandia II. 89.

Para River: WULLSCHLÄGEL 1122 ex Cogn. l. c. 142.

Panama

var. *β. linearifolium* Reichb f. in Linnaea XLI. 131

Paramaribo, near Laan van Tourtonne: KEGEL ex Reichb. f. 1 c.

Epidendrum stenopetalum Hook in Botan. Mag. t 3410

Paramaribo SPLITGERBER 372 H. L. B. 902, 322—1850 (fl. May);

KEGEL, near Laan van Tourtonne 626 (fl. Sept.); near Paramaribo:

KEGEL 879 (fl. Febr) ex Reichb f. Linnaea XLI 131; WULLSCHLÄGEL

569 ex Cogn. l. c. 148.

Surinam: FOCKE ex Tijdschrift Wis- en Natuurkund. Wetensch. IV. p. 68.

Tropical South-America, Trinidad

Epidendrum diffusum Swartz Prodr. 121.

var. *β. depauperatum* Cogn. Flora Bras III 5 p. 155.

Saramacca River, near Maripaston: KEGEL 1450 ex Cogn. l. c.

Epidendrum floribundum H. B. K. Nov. Gen et Spec. I 353 t 86.

Surinam: HOSTMANN 349 ex Cogn. l. c. 165

Tropical South-America excepted French- and British Guyana

Epidendrum rigidum Jacq. Enum Pl. Carib 29.

Paramaribo: WULLSCHLÄGEL 551 ex Cogn l. c. 172, near Laan van

Tourtonne: KEGEL 448 (fl. July) ex Reichb f. Linnaea XLI p. 131

Surinam: SPLITGERBER 506 H. L. B. 902, 322—1840 (fl. Jan.—March).

All tropical America.

Epidendrum ramosum Jacq. Enum Pl. Carib. 29

Surinam: FOCKE, SPLITGERBER ex Cogn. l. c. 174.

All tropical America.

Epidendrum strobiliferum Reichb f in Ned Kruidk Archief IV 333.

Upper Tapanahoni River, near Mount Teeboe: VERSTEEG 783 (fl. Aug)

Lower Surinam River, near plant. Jagtlust: SPLITGERBER 426 H. L. B.

902, 322—1028 and 1029 (fl. Dec)

Paramaribo, near plant. Tourtonne: KEGEL 449 ex Cogn l. c. 175;

WULLSCHLÄGEL 565.

Paulus kreek. WULLSCHLÄGEL 566 ex Cogn l. c. 175.

Surinam: FOCKE ex Tijdschrift Wis- en Natuirk Wetensch. IV p. 69,

named: *Isochilus ramosus* Focke

Guyana, West-Indian Islands, Venezuela.

Epidendrum discolor (Lindl.) Benth ex Kew Handlst of Orchids. 105.

Nanodes discolor Lindl in Bot. Reg. XVIII t 1541.

Surinam: WULLSCHLÄGEL 1123 ex Cogn l. c. 178

Rio de Janeiro, Trinidad, Guatemala.

BRASSAVOLA R. Br.

Brassavola augustata Lindl. in Botan. Regist. XXIV Misc p 41.

Gonini River · VERSTEEG 181 (fl. Aug)

Paramaribo, near Couwepina kreek · WULLSCHLÄGEL 516 ex Cogn. l. c. 263.

Para River FOCKE in Tijdschrift Wis- en Natuurk. Wetensch. IV. 71
named *Brassavola surinamensis* Focke.

Para district, near plant. Hannover · SPLITGERBER 749 H. L. B. 902,
322—379 (fl. March) = *Brassavola attenuata* Lindl. ex Reichb. f.
Ned. Kruidk. archief IV 333.

Upper Coppename River, near Raleighfalls: BOON 1237 (fl. Octob.).

Central Brazil, British Guyana

SCHOMBURGKIA Lindl

Schomburgkia crispa Lindl. Sert. Orch. tab. 10.

Lawa River, near Cottica Mountains · VERSTEEG 347 (fl. Octob.)

Upper Tapanahoni River, near Mount Teeboe: VERSTEEG 767 (fl. Aug)

Paloemee River. VERSTEEG 894 (fl. Sept.)

Paramaribo, Governor's gardens WENT 547 (fl. Nov.)

Surinam HOSTMANN 800a ex Cogn. l. c. 312.

Tropical Brazil, British Guyana

Schomburgkia marginata Lindl. Sert. Orch. tab. 13.

Paramaribo FOCKE H. L. B. 905, 88—81 WULLSCHLÄGEL 1133,
KEGEL 1027 ex Cogn. l. c. 313.

Paramaribo, near Laan van Tourtonne: SPLITGERBER 30 H. L. B. 905,
88—79, 80, 82 (fl. Nov.)

Para district, near Joden Savanne · KEGEL 1087 (fl. Nov.) ex Reichb
f. Linnaea XLI p. 132 (fl. Nov.)

Surinam HOSTMANN 467, MENZE ex Cogn. l. c. 313.

British Guyana, Venezuela

SOBRALIA Ruiz et Pav

Sobralia sessilis Lindl. Botan. Regist. XXVII Misc p 3 and tab. 17.

Marowynne River, near Poeloegoedoe VERSTEEG 589 (fl. July)

Para River WULLSCHLÄGEL 1320 ex Cogn. l. c. 344

British Guyana, Brazil.

CYRTOPERA Lindl.

Cyrtopera longifolia (H. B. K.) Reichb. f. in Walp. Ann. Bot. VI. 66.

Dendrobium longifolium H. B. K. Nov. Gen. et Spec I 360.

Paramaribo, near plant Quarta: KEGEL 362 (fl. July) ex Reichb. f.
Linnaea XLI p. 129 named *Cyrtopera Woodfordi* Lindl.

Para district, near Osembo: SPLITGERBER 755 ex Reichb. f. Ned.
Kruidk. Arch. IV. 330, named *Cyrtopera Woodfordi* Lindl.

Saramacca River · WULLSCHLÄGEL 564 ex Cogn. l. c. 356.
 Surinam FOCKE 891 in moist savannahs and 243 H. L. B. 902,
 322—1420: HOSTMANN 399a ex Cogn. l. c. 356.
 Tropical South-America.

CYRTOPODIUM R. Br.

Cyrtopodium punctatum (Linn.) Lindl. Gen. et Spec. Orch. 188.

Epidendrum punctatum Linn. spec. pl. ed. II. 1349.

Surinam · KEGEL ex Cogn. l. c. 360.

Tropical and sub-tropical South-America

Cyrtopodium Andersonii R. Br. in Ait. Hort. Kew. ed. II. 216.

Upper Litane River, near Mount Knopaiamoi · VERSTEEG 381 (fl. Nov.)

Upper Tapanahoni River, near Magneetberg VERSTEEG 825 (fl. Aug.)

Surinam · NOLTE; KAPPLER 1655 ex Cogn. l. c. 363

Tropical Brazil, Guyana

var. *β cardiochilum* (Lindl.) Cogn. Flora Bras. III. 5 p. 363

Cyrtopodium cardiochilum Lindl. Journ. Hort. Soc. Lond. IV. 266.

Para River, near Joden Savanne · WULLSCHLÄGEL 1124 ex Cogn. l. c. 364.

Lower Commewyne district, near Frederiksdorp · KEGEL 1089 (fl. Nov.)

ex Reichb. f. Linnaea XLI 129

Northern Brazil

Cyrtopodium parviflorum Lindl. in Hook. Lond. Journ. of Botan. II. 672

Surinam · KAPPLER 1658 ex Cogn. l. c. 366.

Northern Brazil, British Guyana

CATASETUM L. C. Rich

Catasetum macrocarpum L. C. Rich. ex Kunth Syn. pl. aequin. I. 331.

Paramaribo: SPLITGERBER 1046 H. L. B. 902, 322—703 (fl. June) ·

KEGEL 859 ex Reichb. f. Linnaea XLI p. 129, WULLSCHLÄGEL 562

ex Cogn. l. c. 395, WENT (gouvernor's gardens) cultivated in

Botanic Gardens Utrecht

Surinam SPLITGERBER 753 H. L. B. 902, 322—702, 704, 705 (fl. March);

HOSTMANN 589; LANCE ex Cogn. l. c. 395.

Tropical Brazil, Guyana, Venezuela, Trinidad.

Catasetum fuliginosum Lindl. Botan. Reg. XXVII Misc. 78.

Para district near Joden Savanne KEGEL 1182 (fl. Nov.) ex Reichb.

f. Linnaea XLI p. 129 named *C. planiceps* Lindl.

British Guyana, Venezuela.

Catasetum discolor Lindl. Botan. Reg. XXVII tab. 34

Paramaribo, Para district, near Berlijn, WULLSCHLÄGEL 1799 ex Cogn.

l. c. 446.

Amazon district, British Guyana.

CYCNOCHES Lindl

Cycnoches Loddigesii Lindl. Gen. et Spec. Orch. 154

Paramaribo. WULLSCHLÄGEL in Herb. Kew; near plant Quarta: KEGEL

860 (fl. Febr.) ex Reichb. f. *Linnaea* XLI p. 129.

Surinam. WULLSCHLÄGEL 1125; LANCE ex Cogn. l. c. 449.

British Guyana, Venezuela, Columbia

PAPHINIA Lindl.

Paphinia cristata Lindl. Botan. Reg. XXIX Misc. p. 14.

Saramacca River, near Maripaston. KEGEL 1356 (fl. March) ex Reichb.

f. *Linnaea* XLI p. 129

British Guyana, Venezuela, Trinidad.

BATEMANIA Lindl

Batemanian Colleyi Lindl. Botan. Reg. XX tab. 1714.

Surinam. WULLSCHLÄGEL 1797 ex Cogn. l. c. 474

Amazon district, British Guyana.

BIFRENARIA Lindl.

Bifrenaria longicornis Lindl. in Botan. Reg. XXIV Misc. 177.

Surinam River, near Joden Savanne. WULLSCHLÄGEL 1808 ex Cogn.

l. c. 493

Amazon district, British Guyana.

PERISTERIA Hook

Peristeria guttata Knowl. et Westc. Flor. Cab. II. tab. 70.

Paramaribo, near plant. Quarta: KEGEL 617 ex Reichb. f. *Linnaea*

XLI p. 129, named *Peristeria cerina Lindl. var. guttulata Reichb. f.*

Upper Surinam River, near Blauwe Berg. SPLITGERBER 914 (fl. May)

ex Reichb. f. Ned. Kruidk. Arch. IV. p. 331.

British Guyana.

CORYANTHES Hook

Coryanthes maculata Hook. Botan. Mag. tab. 3102.

Saramacca River, near Janbasigado. PULLE 402 (fl. Jan.)

British Guyana.

STANHOPEA Frost

Stanhopea grandiflora (Lodd.) Lindl. Gen. et Spec. Orch. 158,

Ceratophilus grandiflorus Lodd. Bot. Cab. t. 1414.

Paramaribo, cultivated by Mrs. Schoch. VERSTEEG 539 (fl. July).

Para district. WULLSCHLÄGEL 561 ex Cogn. l. c. 536.

Para district, near plant Berlijn. SPLITGERBER 725 H. L. B. 905, 88—83
(fl. March)

Vernacular name: Lady slipper

Tropical Brazil, British Guyana, Venezuela, Trinidad.

KEGELIA Reichb. f

Kegelia Houtteana Reichb. f. in Botan. Zeit. X. 670.

Surinam. KEGEL.

GONGORA Ruiz et Pav.

Gongora quinquenervis Ruiz et Pav. Fl. Peruv. Syst. 227.

Lawa River, near Cottica. VERSTEEG 345 (fl. Nov.)

Paramaribo. SPLITGERBER 68 H. L. B. 902, 322—2296, 2297.

Surinam KEGEL ex Cogn. l. c. 546

Tropical South America

Gongora nigrita Lindl. in Botan. Regist XXV. Misc. p. 59.

Lawa River, near Cottica. VERSTEEG 307 (fl. Nov.)

Upper Litane River, near Mount Knopajamoi. VERSTEEG 400 (fl. Dec.)

Paramaribo, (Gouvernor's gardens). WENT 567 (fl. Jan.)

Paramaribo: WULLSCHLAGEL 563 ex Cogn. l. c. 547.

British Guyana.

MENADENIUM Rafin

Menadenium labiosum (L. C. Rich.) Cogn. Flora Bras. III. 5 p. 582.

Epidendrum labiosum L. C. Rich. Cat. pl. le Blond. in Act. Soc. Hist
Nat. Paris L. 112.

Paramaribo KEGEL ex Cogn. l. c. 584.

Para district, near plant. Berlijn: SPLITGERBER 748 H. L. B. 905, 88—86
(fl. March).

Surinam. FOCKE, WULLSCHLAGEL 558

Amazon district, Guyana.

Menadenium Kegeli (Reichb. f.) Cogn. Flora Bras. III. 5, p. 584.

Zygopetalum Kegeli Reichb. f. in Botan. Zeit. X. 668.

Surinam River, near Geyersvlyt and Tourtonne. KEGEL ex Cogn
l. c. 584.

Saramacca River, near Maripaston. KEGEL 427 (fl. May) ex Reichb. f.

Linnaea XLI p. 128 named *Zygocephalum Kegeli* Reichb. f.

BULBOPHYLLUM Thouars.

Bulbophyllum Oerstedii (Reichb. f.) Hemsl. Biol. Centr. Amer. Botan.
III. 213

Bulbophyllaria Oerstedii Reichb. f. in Bonpl. III. 223

Paramaribo, near Oude Rijkweg KEGEL 680 (fl. Sept.) ex Reichb. f
 Linnaea XLI p 132.
 French Guyana, Nicaragua

MAXILLARIA Ruiz et Pav.

Maxillaria Parkeri Hook Botan Mag tab. 2729.
 Surinam WENT, cultivated in Botanic Garden, Utrecht.
 Amazon district, British Guyana.

Maxillaria Kegelli Reichb. f in Linnaea XLI p. 127.
 Para district. WULLSCHLAGEL 1129 ex Cogn. Flora Bras. fasc CXXVII
 p. 11.
 Saramacca River, near Maripaston KEGEL 1355 (fl May) ex Reichb. f 1 c

Maxillaria rufescens Lindl. in Bot Reg XXI tab 1802.
 Litame River: VERSTEEG 364 (fl Nov.)
 Amazon district, British Guyana, Venezuela, West-Indian Islands.

Maxillaria violaceo-punctata Reichb. f in Bonpl. III. 216.
 Marowijne River: VERSTEEG 490 (fl. July.)
 Paramaribo, near Oude Rijkweg: KEGEL 717 (fl. Febr.) ex Reichb. f.
 Linnaea XLI p 127
 Para district WULLSCHLAGEL 569 ex Cogn 1 c. 15.
 Amazon district, British Guyana.

Maxillaria splendens Pöpp et Endl. Nov. Gen. et Spec. I. 38. tab. 66
 Surinam: HOSTMANN in Herb. Delessert ex Cogn. 1. c. 26.
 Peru, Culumbia.

Maxillaria superflua Reichb. f. Cat. Orch. Schill 45
 Saramacca River, near Maripaston. KEGEL 1374. (fl. May) ex Reichb.
 f Linnaea XLI p. 127.
 British Guyana

Maxillaria discolor Reichb. f. Walp. Ann. Bot. VI 529
 Surinam WULLSCHLAGEL 1128 ex Cogn. 1. c. 35.
 Guyana.

Maxillaria Desvauxiana Reichb. f in Bonpl. III. 67.
 Surinam FOCKE, SPLITGERBER, VAN LANSBERGE ex Cogn. 1. c. 54.
 Tropical Brazil, French Guyana, New-Granada.

Maxillaria alba Lindl. Gen. et Spec Orch. 143.
 Paramaribo, near Oude Rijkweg: KEGEL 714 (fl. Febr) ex Reichb. f
 Linnaea XLI p. 127.
 Para district: WULLSCHLAGEL 1126 ex Cogn. 1. c. 61.
 Amazon district, Guyana, West-Indian Islands.

Maxillaria uncata Lindl. in Botan. Reg. XXIII tab. 1986

Gonini River: VERSTEEG without number (fl. Aug.)

Upper Tapahoni River. VERSTEEG 596 (fl. July)

Near Paramaribo VERSTEEG 457, KEGEL ex Reichb. f. *Linnaea* XLI p. 128; WULLSCHLAGEL 543 ex Cogn. l. c. 67; Cassepoera-kreek KEGEL 811 (fl. May) ex Reichb. f. l. c.

Lower Surinam River, near plant Jagtlust. SPLITGERBER 417 (fl. Dec.) ex Reichb. f. Ned. Kruidk. Arch. IV p. 330

Para district. KAPPLER 1657 ex Cogn. l. c. 68.

Saramacca River, near Maripaston: KEGEL ex Reichb. f. l. c. 128

Surinam. HOSTMANN 248 ex Cogn. l. c. 68

Tropical Brazil, British Guyana.

CAMARIDIUM Lindl.

Camaridium ochroleucum Lindl. Bot. Reg. X. tab. 844

Paramaribo KEGEL 625 (fl. Sept.) ex Reichb. f. *Linnaea* XLI p. 128, named: *Maxillaria Camaridu* Reichb. f., WULLSCHLAGEL 550 ex Cogn. l. c. 84.

Surinam River, near plant Lustrijk: SPLITGERBER 413 H. L. B. 903, 16—937, 938 (fl. Dec.).

Para district. KAPPLER 1659 ex Cogn. l. c. 84.

Surinam. HOSTMANN 411 ex Cogn. l. c. 84.

Tropical South-America.

ORNITHIDIUM Salisb.

Ornithidium vestitum (Swartz.) Reichb. f. in Walp. Ann. Bot. VI. p. 491

Epidendrum vestitum Swartz Prodr. 124

Para district: WULLSCHÄGEL 1127 ex Cogn. l. c. 96.

Tropical Brazil, Peru, Venezuela.

TRIGONIDIUM Lindl.

Trigonidium tenue Lodd Cat. n. 582

Gonini River: VERSTEEG without number (fl. Aug.)

Marowijne River, near Poeloegoedoe: VERSTEEG 597 (fl. July).

Para district, near Onoribo: WULLSCHLAGEL 542 ex Cogn. l. c. 103.

Joden Savanne: KEGEL 624 (fl. July) ex Reichb. f. *Linnaea* XLI p. 128.

Surinam. HOSTMANN 230; HOSTMANN and KAPPLER 1200 ex Cogn. l. c. 163.

Northern Brazil, British Guyana.

MACRADENIA R. Br.

Macradenia triandra Lindl. in Bot. Reg. XXI. tab. 1815

Surinam. LANCE ex Cogn. l. c. 112.

British Guyana.

Macradenia surinamensis Reichb f et Wulschl ex Reichb. f. in Walp. Ann Bot. VI. 697.

Para district WULLSCHLÄGEL 1806 ex Reichb. f l. c

Macradenia loxoglottis Focke et Reichb f. ex Reichb f. in Walp Ann Bot. VI. 697.

Paramaribo · FOCKE ex Reichb f. l. c

NOTYLIA Lindl

Notylla Durandiana Cogn Flora Bras fasc CXVII p 124

Para district WULLSCHLÄGEL 1585 ex Cogn. l c.

Notylla fragrans Focke Botan. Zeit. XI p. 342

Paramaribo. WULLSCHLÄGEL 533 ex Cogn. l. c 126

Paramaribo, (Gouvernors gardens) WENT 538 (fl. Nov.)

Surinam: FOCKE in Botan. Zeit. l. c.

French Guyana.

Notylla aromatica Barker ex Lindl. in Bot. Regist. XXVII Misc 77

Paramaribo KAPPLER 1644 ex Cogn l. c. 128; KEGEL 611 (non 671) ex Reichb f. Linnaea XLI p. 126.

Amazon district, Guyana.

Notylla Wulschlägeliana Focke in Botan Zeit. XI. 343.

Para district, near Onoribo WULLSCHLÄGEL 1107 ex Cogn. l. c. 136.

RODRIQUEZIA Ruiz et Pav.

Rodriguezia secunda H. B. K Nov. Gen. et Spec. I. 367 tab 92.

Marowynne River: VERSTEEG 416 (fl. Dec)

Paramaribo, (Gouvernor's Gardens). WENT 313 (fl Nov.), WULLSCHLÄGEL 528 ex Cogn. l. c. 151 · KEGEL 718 (fl. Febr.) ex Reichb. f Linnaea XLI p 126.

Lower Surinam River: KAPPLER 1378 ex Cogn. l. c.

Saramacca River · PULLE 119 (fl. Dec.)

Surinam: SPITGERBER 437 H L. B. 905, 83—348 (fl Dec.): WULLSCHLÄGEL 328; HOSTMANN 156, 215, 665 · KAPPLER 545 ex Cogn. l. c.

A very common species in the colony.

Tropical South-America.

JONOPSIS H B K

Jonopsis paniculata Lindl. in Botan. Reg. XXII tab. 1904

Litanie River. VERSTEEG 425 (fl. Dec.)

Paramaribo. KEGEL 157 (fl. Aug.) ex Reichb. f. Linnaea XLI. p. 126.

Upper Surinam District, near plant. Maagdeburg : WULLSCHLÄGEL 568 ex Cogn. l. c. 174

Coppename River: WENT 187 (fl. Aug.)

Surinam: SPLITGERBER H. L. B. 903, 16—538, named: *Tonopsis guyanensis*
Splitg.; VAN HALL H. L. B. 900, 351—236, Hb Molkenboer H. L. B.
 903, 16—541, HOSTMANN 156 ex Cogn. l. c. 174.

Vernacular name: »Sapodille orchid».

Tropical South-America

PLECTROPHORA Focke.

Plectrophora iridifolia Focke in Tijdschr. Wis- en Natuurk. Wetensch
 I. 212

Paramaribo. FOCKE.

Surinam WULLSCHLAGEL 1805 ex Cogn. l. c. 185

TRICHOPILIA Lindl

Trichopilia mutica Reichb. f. et Wullschl. ex Reichb. in Walp. Ann.
 Bot VI 679

Surinam. WULLSCHLAGEL 1696

Trinidad.

ASPASIA Lindl.

Aspasia variegata Lindl. Bot Reg. XXII t. 1907.

Paramaribo, near Poelephantje KEGEL 715 ex Cogn. l. c. 206.

Surinam. SPLITGERBER, WULLSCHLAGEL 1796 ex Cogn. l. c.

Southern Brazil, British Guyana.

ORNITHOCEPHALUS Hook.

Ornithocephalus avicula Reichb. f. et Wullschl. ex Reichb.f. in Walp.
 Ann Bot VI. 495

Paramaribo, (Gouvernor's Gardens): WENT 560 (fl. Dec)

Para district: WULLSCHLAGEL 540 et 1592 ex Cogn. l. c. 223.

Upper Nickerie River, near Blanche Marie falls · TULLEKEN 349 H. L. B.
 903, 322—1038 (fl Sept)

Ornithocephalus ciliatus Lindl Ann. Nat. Hist. IV. 384.

Surinam: LESCHENAULT ex Cogn l. c. 224

Guyana.

Ornithocephalus falcatus Focke in Tijdschr. Wis- en Natuurk. Wetensch.
 I. 211.

Paramaribo: KEGEL 14, KAPPLER 1645; WULLSCHLAGEL 539 ex Cogn.
 l. c. 225.

Para district, near Onoribo FOCKE

Surinam. HOSTMANN 956 ex Cogn l. c.

Guyana

CRYPTARRHENA R Br.

Cryptarrhena Kegeli Reichb f. in Botan. Zeit X. 766

Paramaribo, near plant. Quarta · KEGEL 450 (fl. Jan) ex Reichb. f.

Linnaea XLI p 126

Cottica River, near Post Belair · SPLITGERBER 814 (fl April) ex Reichb f

Ned Kruidk. Arch IV. p 327.

Surinam: HOSTMANN 832 ex Cogn. l. c 229

British Guyana

BRASSIA R Br

Brassia caudata Lindl in Bot. Reg. X. tab. 832

Marowijne River, near Singatetee: VERSTEEG 602 (fl July)

Litane River: VERSTEEG 417 (fl Dec.)

Paramaribo. FOCKE 1101a. (fl April); WENT (cultivated) 565 (fl. Dec.);

near plant. Tourtonne KEGEL 862 (fl. Aug.) ex Reichb f. Linnaea

XLI p 126, named: *Oncidium caudatum Reichb f* ?

Para district. WULLSCHLAGEL 1792 ex Cogn l c 258.

Surinam. FOCKE 13 (fl Octob) and 1348 (42); FOCKE H. L. B 902,
322—381.

West-Indian Islands.

Brassia Lanceana Lindl Botan. Reg. XXI. t 1784.

Para district: WULLSCHLAGEL 1584 ex Cogn. l. c. 261.

Casapoera kreek: KEGEL ex Reichb. f. Linnaea XLI p. 126 named
Oncidium suaveolens Reichb. f

Surinam · SPLITGERBER H L. B. 902, 322—383; LANCE, WULLSCHLAGEL
1583 and 1798 ex Cogn. l. c 261.

var. β **macrostachya Lindl.** in Botan Reg XXIV. Misc. 31.

Lower Surinam River, near plant la Liberté: WULLSCHLAGEL 1106 ex
Cogn. l. c 261.

Amazon district, British Guyana.

Brassia Lawrenceana Lindl. in Botan. Reg. XXVII Misc 6 et tab 18.

Surinam. Hort. John Kirck ex Cogn. l. c 259

Brazil, British Guyana

ONCIDIUM Sw

Oncidium iridifolium H. B. K. Nov. gen. et spec. I. 344.

Upper Litane River: VERSTEEG 423 (fl. Dec.).

Paloemee River: VERSTEEG 884 (fl. Sept.).

Upper Saramacca River · PULLE 216 (fl. March).

Surinam · DUMORTIER without number in Herb. Rheno-Traject; SPLIT-
GERBER 491 H. L. B. 903, 16—1199 (fl Jan.--March); HOSTMANN

H L B 903, 322—176

Oncidium Kappleri Reichb. f. in Lindl. Fol. Orch. Oncid. 152

Lower Surinam River, near plant Jagtlust SPLITGERBER 396 ex Reichb.
f Ned. Kruidk. Arch. IV p 324

Upper Saramacca River PULLE 432 (fl. Jan.)

Surinam KAPPLER ed. Hohenacker 1600 ex Reichb. f. l. c.

Oncidium Lanceanum Lindl in Trans. Hort. Soc II 100 t 7

Paramaribo. SPLITGERBER 69 H L B. 903, 16—1201, 1202 (fl Nov)

Upper Saramacca River. PULLE 403 (fl Jan.)

Surinam: KEGEL 1084 (fl Nov.) ex Reichb f Linnaea XVI p 126,

FOCKE 171 H. L. B. 903, 16—1203; FOCKE without number in Herb.

Rheno-Traject

Vernacular name . „Tijgerparasiet". (Splitgerber)

Oncidium pusillum Reichb f. in Walp. Ann VI. 714

Paramaribo, near Laan van Tourtonne. KEGEL 612 (fl Aug.) ex
Reichb. f Linnaea XLI p. 126.

Oncidium Papilio Lindl. Bot. Reg t. 910.

Upper Tapanahoni River, near Mount Teeboe: VERSTEEG 759 (fl Aug)
Trinidad.

LOCKHARTIA Hook.**Lockhartia elegans Hook.** Bot. Mag. t. 2715.

Para district, near Berlijn SPLITGERBER 721 H L B. 903, 16—856, 857

Paramaribo, near plant Vaderzorg KEGEL 628 (fl. Aug.) named:

Lockhartia Weigeltiana Reichb f et Reichb.

Upper Nickerie River, near Blanche Marie falls: TULLEKEN 384

H. L. B 903, 322—1097.

BOLLEA Reichb f.**Bollea violacea (Lindl) Reichb f** Botan. Zeit. 1852 p. 667

Huntleya violacea Lindl Botan Reg XXIII 1991

Casapoere kreek. KEGEL 1080 (fl Nov.) ex Reichb. f Linnaea XLI

p. 128 named *Zygopetalum violaceum Reichb. f* Xenia Orch I
p. 187 tab. 66

Saramacca River, near Mount Janbasigado. PULLE 401 (fl. Jan)

British Guyana.

CHAUBARDIA Reichb. f.**Chaubardia surinamensis Reichb f** Botan. Zeit X 671

Lower Surinam River, near Geyersvlyt: KEGEL 716 (fl. Febr.) ex
Reichb. f. Linnaea XLI p. 128.

DICHAEA Lindl.

Dichaea Kegellii Reichb. f. *Linnaea* XLI p. 129.

Saramacca River, near Maripaston: KEGEL 1351 (fl. May) ex Reichb. f. l. c.

Dichaea brachypoda Reichb. f. *Beitr. Orch. Centr. Am.* 78.

Cassepoera creek: KEGEL 1081 (fl. Nov.)

Saramacca River, near Maripaston: KEGEL 1081 (fl. May) ex Reichb. f.
Linnaea XLI p. 130.

Costa-Rica.

Dichaea Splitgerberi Reichb. f. *Ned. Kruidk. Arch.* IV p. 327.

Upper Surinam River, near Blauwe Berg: SPLITGERBER 923 (fl. May)
ex Reichb. f. l. c.

Surinam: KAPPLER 1840.

Dichaea graminoides Lindl. *Gen. et spec. Orch.* 209

Surinam: SPLITGERBER 697 (fl. March) ex Reichb. f. *Ned. Kruidk.*
Arch. IV. p. 328

West-Indies.

Dichaea Weigeltii Reichb. f. *Ned. Kruidk. Arch.* IV. p. 328

Surinam: WEIGELT.

ANGRAECUM Bor

Angraecum micranthum Lindl. *Bot. Reg.* XXI t. 1772.

Paramaribo. KEGEL 428 (fl. Aug.) ex Reichb. f. *Linnaea* XLI p. 130,
named *Aeranthus micranthus Reichb. f.*

Surinam: SPLITGERBER H. L. B. 902, 322—701

PIPERACEAE.

HECKERIA Kunth.

Heckeria peltata (L.) Kunth Linnaea XIII p. 565.

Piper peltatum Linn Sp. 42

Paramaribo KEGEL 882 (fl. June); FOCKE 131 named *Potomorphe peltata* Miq Comm Phytogr 37 et 45

Saramacca River, near Granman-kondre PULLE 445 (fl. Jan)

Nickerie TULLEKEN 285 H. L. B 903, 322—1073 (fl. Aug)

Surinam SPLITGERBER 142 H. L. B 905, 28—24 (fl. Dec.)

Vernacular name. „Swietie aneisie wiwirie” or „Anijsblad”

Tropical South-America.

PIPER Linn.

Piper Hohenackeri Cas. D. C. Prodr. XVI p 243.

Paramaribo: KAPPLER 1668 in Herb Boiss ex C. D. C.

Piper marginatum Jacq Icon. rar I. p 2 t. 215

Paramaribo, near Poelepantje et Quarta KEGEL 85 and 135, named *Artanthe caudata* Miq. Syst Pip. 380 and in Linnaea XII p 76.

Near Vredenburg-kreek FOCKE 714 (fl. Octob), near Paramaribo: FOCKE 714

Surinam River, near Domburg TULLEKEN 176 H. L. B. 903, 322—1408 (fl. Aug)

Upper Surinam River: FOCKE, named *Artanthe catalpaefolia* Miq. Syst. pip 381; Linnaea XVIII p 226

Saramacca River, near Maripaston PULLE 22 (fl. Nov)

Surinam: FOCKE without number HOSTMANN and KAPPLER 629 k.;

HOSTMANN 633 H. L. B. 905, 28—14, WEIGELT H. L. B. 905, 28—11

named *Piper catalpaefolium* H. B. K.; FOCKE 714 H. L. B. 905, 28—12.

Vernacular name „Oeman aneisie-wiwirie”, or „Boesi aneisi” or „Weti-aneisi”

Tropical South-America.

Piper Warakaboura (Miq.) Cas. D. C. Prodr. XVI. p 257

Ottonia Warakaboura Miq. Linnaea XX p. 180.

Saramacca River: PULLE 27 (fl. Nov.)
 Surinam: HOSTMANN and KAPPLER 687.
 Vernacular name »Man-aneisi-wiwine»
 Amazon district

Piper geniculatum Swartz Prodr. 15.

Lower Surinam River: FOCKE 469 (fl. April) and 331 (fl. Sept.).
 Paramaribo KAPPLER Ed. Hohenacker 1666 named *Artanthe geniculata* Miq., near Poelephantje · KEGEL 72 (fl. July), near plant. Quarta · KEGEL 289 (fl. Aug.); SPLITGERBER 226 H. L. B. 905, 28—16 (fl. Dec.), near Orellana-kreek · FOCKE 709 (fl. Octob.) and 711 (fl. Octob.)
 Para district · FOCKE 1003 (fl. Sept.)
 Sara-kreek WENT 513 (fl. Octob.)
 Lower Commewyne River: FOCKE 411 and 850
 Saramacca River: PULLE 86 (fl. Nov.)
 Surinam WEIGELT H. L. B. 905, 28—15 named *Piper nitidum* Sw ?;
 FOCKE 539, 1252 and 1144
 Vernacular name »Man-aneisi»
 Tropical America.

Piper Marowynense Cas D. C. Prodr XVI p 268

Marowyne River WULLSCHLAGEL 1562 ex Cas. D. C. 1 c.

Piper nitidum Vahl Enum I p 314

Gonini River VERSTEEG 102 (fl. Aug.)
 Paramaribo: KEGEL 170 and 465, WENT 361 (fl. Sept.), 451 (fl. Nov.)
 Joden Savanne · KAPPLER Ed. Hohenacker 1667 (fl. Oct.).
 Coronie TULLEKEN 573 H. L. B. 903, 322—980 (fl. Oct.)
 Surinam FOCKE 410 and 133 HOSTMANN 709, TULLEKEN 212 H. L. B. 903, 322—1138; DUMORTIER without number

Piper hirsutum Swartz. Prodr. p. 15.

Orellana-kreek: FOCKE 708. (fl. Octob.).
 Paramaribo, near Tourtonne · FOCKE 134; WENT 312 (fl. Aug.)
 Para district, near Santigrón. WENT 201 (fl. Aug.).
 Vernacular name. »Man-aneisi»
 Tropical America.

Piper aduncum L. Spec. pl. p. 41.

Lower Surinam River, near Jagtlust: WENT 89 (fl. Aug.).
 Paramaribo. KEGEL 53 (fl. June), named *Artanthe adunca* Miq. in Linnaea XXII p. 77; FOCKE 132; near Tourtonne · FOCKE 659 (fl. Sept.)
 Para district. SPLITGERBER 1139 H. L. B. 905, 28—1 (fl. Dec.).
 Upper Saramacca River: PULLE 446 (fl. Jan.).

Surinam · WEIGELT H. L. B. 905, 28—5, without collectors' name
(Hostmann?) H. L. B. 905, 28—4
Tropical South-America

Piper affine (Miq.) Cas. D. C. Prodr. XVI. p. 286.

Artanthe affinis Miq. Linnaea XVIII. p. 228.

Paramaribo KEGEL 821 (fl. March), near Vredenburgers Zandrijs
Focke 710 (fl. Oct.).
Saramacca River PULLE 58 (fl. Nov.).

Piper Hostmannianum (Miq.) Cas. D. C. Prodr. XVI. p. 287.

Artanthe Hostmanniana Miq. in Hook Lond Journ of Bot IV. p. 465.

Surinam River, near plant Onverwacht: Focke 913 (fl. Sept.).
Coppename River · Boon 1181 (fl. Sept.).

var. β *ramiflorum* (Miq.) Cas. D. C. l. c. 287

Artanthe ramiflora Miq. in Kappl. Plant surin. n° 1397.

Surinam River, near Station Victoria KAPPLER 1397 (fl. Dec.).
Amazon district

Piper Leprieurii (Miq.) Pulle.

Artanthe Leprieurii Miq. Syst. Pip. 525.

Upper Gonini River: VERSTEEG 185 (fl. Aug.).

Lower Surinam River KAPPLER ed Hohenacker 1275, named *Piper*
surinamense Cas. D. C. Prodr. XVI. p. 296.

Surinam Focke 1244

Tropical Brazil, French Guyana

Piper Paramaribense Cas. D. C. Prodr. XVI. p. 297

Paramaribo. WULLSCHLÄGEL 1563 ex Cas. D. C. l. c.

Piper Demeraranum (Miq.) Cas. D. C. Prodr. XVI. p. 298.

Para district · WULLSCHLÄGEL ex Cas. D. C.

Surinam: HOSTMANN 312 named *Artanthe Demerarana* Miq. in Hook
Lond. Journ. of Bot. IV. p. 464,

Piper anonaefolium (Kth) Cas. D. C. Prodr. XVI. p. 299

Steffensia anonaefolia Kth Linnaea XIII. p. 619

Upper Tapanahoni River: VERSTEEG 816 (fl. Aug.)

Paramaribo: Focke 834, named *Artanthe anonaefolia* Miq. Syst. Pip.
p. 504

Saramacca River, near Maripaston: KEGEL without number (fl. May),
near Mindrinetti: PULLE 28 (fl. Nov.)

Nickerie River · TULLEKEN 506 H. L. B. 903, 322—997.

Surinam. HOSTMANN 313; WULLSCHLÄGEL 1560 ex D. C. l. c.

Tropical Brazil, Guyana.

Piper Avellanum (Miq) Cas. D. C. Prodr. XVI. p. 302.

Artanthe Avellana Miq. Syst. Pip. 478

Surinam: FOCKE without number.

French Guyana

Piper obliquum Ruiz et Pav. Flora Peruv. I. p. 37 t. 63.

Surinam: KAPPLER H. L. B. 903, 322—409.

Tropical South-America.

Piper angustum Rudge Icon. p. 10 t. 7.

Artanthe angusta Miq. Syst. pip. 398.

Upper Surinam River NOLTE without number in Hb. Götting.

Piper Kappleri Cas. D. C. in Seem. Journ. 1866. p. 213.

Surinam: KAPPLER 1885 ex Cas. D. C. Prodr. XVI. p. 311.

Piper asperifolium Ruiz et Pav. Flora Peruv. I. p. 37 t. 56

Paramaribo: SPLITGERBER 41 H. L. B. 905, 28—21 (fl. Nov.) and 225

H. L. B. 905, 28—19 (fl. Dec.), named *Artanthe hispida* Miq. Comm. phyt. p. 50 t. 8, near Poelephantje. KEGEL 51 (fl. July), named *Artanthe asperifolia* Miq. Syst. pip.

Surinam Hb. van Hall in H. L. B. 905, 28—8, Hb. Molkenboer in H. L. B. 905, 28—6.

Tropical Brazil.

Piper auritum H. B. K. Nov. Gen. et Spec. I. p. 45.

Surinam SPLITGERBER 225 H. L. B. 905, 28—41.

Tropical South-America

Piper Kegelii Cas. D. C. Prodr. XVI. p. 323.

Saramacca River, near Maripaston. KEGEL 1329 and 1336 (fl. May) named *Artanthe hymenophylla* Miq. Syst. Pip. p. 532.

Surinam. HOSTMANN 312.

Piper foveolatum Cas. D. C. Prodr. XVI. p. 329.

Saramacca River, near Saron. KEGEL 1364 (fl. May) named *Enckea dubia* Kth

Surinam: H. L. B. 905, 28—46, KAPPLER 1482 ex Cas. D. C. 1 c.

French Guyana

Piper Marowinianum Cas. D. C. Prodr. XVI. p. 337.

Marowijne River. KAPPLER ed. Hohenacker 1885 (fl. Aug.)

Northern Brazil.

Piper trichoneuron (Miq.) Cas. D. C. Prodr. XVI. p. 281.

Surinam. HOSTMANN 275 H. L. B. 905, 28—22 sub *Artanthe trichoneura* Miq. Syst. Pip. 483

French Guyana.

Piper oblongifolium (Miq.) Cas. D. C. Prodr. XVI. p. 273.

Artanthe oblongifolia Miq. Syst. pip. 515.

Paramaribo · SURINGAR H. L. B. 905, 28—45 (fl. Dec.).

Guyana.

Piper nigrum Linn. Spec. pl. p. 40.

Surinam · SPLITGERBER 1041 H. L. B. 905, 28—44 (fl. June).

Cultivated in gardens.

Tropical Asia.

Piper Rudgeanum (Miq.) Cas. D. C. Prodr. XVI. p. 373.

Artanthe Rudgeana Miq. Linnaea XXII. p. 77

Surinam, near Loango · KEGEL without number. (fl. June).

Piper Kegelianum (Miq.) Cas. D. C. Prodr. XVI. p. 372.

Artanthe Kegehiana Miq. Linnaea XXII p. 77

Para district, near Onoribo · KEGEL 659 (fl. Sept.).

Piper salicifolium Vahl. Enum. I p. 312.

Surinam ex Vahl 1 c. named *Artanthe salicifolia* Miq. Syst. pip. p. 533.

NEMATANTHERA Miq.

Nematanthera guyanensis Miq. Linnaea XVIII p. 606.

Para district · KAPPLER 1438

Surinam: HOSTMANN 19 ex Cas. D. C. l. c. 367.

PEPEROMIA Ruiz et Pav.

Peperomia pellucida H. B. K. Nov. Gen. et Spec. l. p. 64.

Tapanahoni River, near Drie Tabbetje · VERSTEEG 666 (fl. Aug.).

Paramaribo · SPLITGERBER 38 H. L. B. 905, 28—35 (fl. Nov.), TULLEKEN 15; H. L. B. 903, 322—1311 (July) and 103 H. L. B. 903, 322—1457 (fl. Aug.); WENT 13 (fl. July).

Surinam River, near Domburg · TULLEKEN 258 H. L. B. 903, 322—1163 (fl. Aug.).

Surinam · HOSTMANN and KAPPLER 65; FOCKE without number named

Macropiper pellucidum Miq. Comm. Phyt. p. 54.

Vernacular name. »Konsaka-wiwirie».

All tropical South-America, Africa.

Peperomia surinamensis Cas. D. C. Prodr. XVI. p. 408.

Paramaribo · KAPPLER 1577 ex Cas. D. C.

French Guyana.

Peperomia Velloziana Miq. Syst. Pip. 88.

var. *β. polysticta* Miq. in Linnaea XVIII p. 226.

Paramaribo, near Tourtonne: KEGEL 437.

Peperomia melanostigma Miq Syst. pip. p. 90

Upper Commewyne River: FOCKE 262 (fl. Octob.).

Saramacca River, near Groningen: WENT 162 (fl. Aug.).

Surinam FOCKE 745, HOSTMANN and KAPPLER 799; HOSTMANN 437.

var. **β nervulosa** Cas D. C Prodr XVI. p. 409.

Surinam: HOSTMANN 437 in Herb. Berol.

var. **γ. glabrior** Cas D C l. c

Paramaribo KEGEL 438 ex Miq Linnaea XXII p 76.

Guadeloupe, Tropical Brazil.

Peperomia nummularifolia H B. K. Nov Gen et Spec. I. p. 66.Saramacca River, near Maripaston KEGEL 1357, named *Acrocarpidium nummularifolium* Miq. Syst. pip. p. 62.

Upper Saramacca River. PULLE 487.

Upper Nickerie River: TULLEKEN 446 H L. B. 903, 322—1563

Surinam SPLITGERBER 63 H L. B 905, 28—33; KAPPLER 1885a, named *Acrocarpidium parvula* Miq. nom. ined, HOSTMANN 117, WEIGELT ex D. C. l. c. 421.

Vernacular name "Tibrie wiwirie" or "Pikien fouroe sopo".

All tropical America.

Peperomia Parkeriana Miq in Hook. Lond. Journ. of Botan IV. p 427

Lower Surinam River, near Geyersvlyt KEGEL 1005 ex Miq Linnaea XXII. p. 76

Surinam: HOSTMANN and KAPPLER 401.

British Guyana

Peperomia magnoliaefolia (Jacq) A. Dietr. Spec. I p 153.*Piper magnoliaefolium* Jacq Coll III. p. 210; Icon rar. II. t. 213.

Paramaribo SPLITGERBER 239 H L. B 905, 28—31 (fl. Dec)

Upper Saramacca River, near Lawali-falls: PULLE 485 (fl. March).

Coppename River BOON 1127 (fl. Sept.)

Surinam HOSTMANN 401a, KEGEL 806.

Tropical South-America.

Peperomia distachya A Dietr. Spec. I. p. 156.

Para district; near plant. Onverwacht. FOCKE 407 H. L. B. 905, 28—28 and 29.

Commewyne district, near Orellana-kreek: FOCKE ex Miq. Linnaea XVIII. p. 226

Surinam: FOCKE 713.

Peperomia obtusifolia (L.) A. Dietr. Spec pl. p 154.*Piper obtusifolium* Linn. Spec p. 42.

Marowynne River, near Albina: VERSTEEG 536 (fl. July)

Paramaribo: KEGEL 619.

Para district· FOCKE 617 (fl. April)
Tropical South-America

Peperomia rupestris H. B. K. Nov. Gen. et Spec. l. p. 62.
Paramaribo, near Tourtonne and Quarta· KEGEL 1037.
Surinam. SEEMAN 608 in Hb. Kew. ex Cas. D. C. l. c. 431.
Tropical Brazil.

Peperomia scandens Ruiz et Pav. Flora Peruv. l. p. 32.
Paramaribo; near plant. Quarta. KEGEL 152, named *Acrocarpidum repens* Miq. Syst. pip. 57
Para district SPLITGERBER 1138 H. L. B. 905, 28—40.
Vredenburg-rits FOCKE 134 H. L. B. 905, 28—39.
Peru, tropical Brazil, Guyana

Peperomia macrostachya (Vahl.) A. Dietr. Spec. l. p. 149.
Piper macrostachyon Vahl Enum. l. p. 341.
Paramaribo. SPLITGERBER 238 H. L. B. 905, 28—30.
French Guyana.

Peperomia circinata Link. Jahrb. l. p. 64.
Paramaribo. POHL in Hb. Vindob. ex Cas. D. C. l. c. 444.
Brazil, Guyana, West-Indian Islands.

Peperomia angulata (R. S.) H. B. K. Nov. Gen. l. p. 66.
Piper angulatum Rom. et Schult. Mant. l. p. 332.
Litane River: VERSTEEG 363 (fl. Nov.)
Paramaribo: SPLITGERBER 301 H. L. B. 905, 28—26 (fl. Dec.)
Surinam. HOSTMANN and KAPPLER 784a
Venezuela

LACISTEMACEAE.

LACISTEMA Swartz.

Lacistema myricoides Swartz Prodr II. p 12.

Paramaribo KAPPLER ed Hohenacker 1629 (fl. March); KEGEL 487 (fl. Aug.), SPLITGERBER 114 H L B 905, 28—47 (fl. Nov.), FOCKE 86, H. L. B. 905, 28—48

Surinam. HOSTMANN 25 H. L. B. 903, 322—23, KAPPLER H L B. 903, 322—408.

Guyana, Peru, Chili

var. β **stipitatum** A. D. C. Prodr XVI. p. 592.

Surinam. WULLSCHLÄGEL in Herb. Mart. ex A. D. C. 1 c

Lacistema angustum Schnizl. Flora Bras IV. 1 p 283 t. 80.

Surinam. WULLSCHLÄGEL without number ex D. C. Prodr. XVI.

British Guyana

Lacistema recurvum Schnizl. Flora Bras. IV 1 p. 283 t. 81.

Surinam. SPLITGERBER in Herb Vind. ex Schnizl. 1 c

Tropical Brazil, Guyana.

Lacistema grandifolium Schnizl. Flora Bras IV 1 p. 284

Upper Surinam River, near Bergendal. FOCKE 935 named *Lacistema tomentosum* Miq. nom ined

Surinam: FOCKE H L B 905, 28- 49, HOSTMANN 1266.

Northern Brazil, French Guyana.

Lacistema floribundum Miq. Linnaea XVIII p 24.

Paramaribo. FOCKE 660 (fl. Sept.)

British Guyana.

U L M A C E A E.

TREMA Lour.

Trema micrantha (Swartz) Engl Nat. Pflanzenfam. III. 1. p. 65.

Celtis micrantha Swartz Prodr. 53.

Marowyne River KAPPLER Ed. Hohenacker 1884 (fl. Aug.)

Paramaribo, near Poelepantje: KEGEL 178 (fl. July).

Upper Saramacca River, near Granmankondre · PULLE 444 (fl. Jan.)

Surinam: HOSTMANN 674.

All tropical America

MORACEAE

ARTOCARPUS Forst

Artocarpus communis Forst Char. gen 100.

Artocarpus incisa Linn f Suppl 411.

Surinam River, near plant. Jagtlust TULLEKEN 87 H. L. B. 903, 322 -- 1366.

Vernacular name "Broodboom"

Cultivated in all tropical countries.

HELICOSTYLIS Trec.

Helicostylis affinis (Steud.) Miq. Flora Bras. IV. p 118.

Olmedia affinis Steud. in sched.

Lower Surinam River: HOSTMANN and KAPPLER 1280 (fl. Dec.).

BROSIMUM Swartz.

Brosimum discolor Schott in Spreng. Syst. Veg. IV.

Surinam KAPPLER ex Miq. Flora Bras. IV. 9 p 110.

Tropical Brazil, Guyana

FICUS Linn.

Ficus pertusa Linn. f Suppl 442

Ficus surinamensis Miq. Ann. Mus. Bot. Lugd. Bat. III. 219.

Urostigma pertusum Miq. Flora Bras. IV. p 100

Urostigma Rolandri Liebm. ex Miq. Flora Bras. IV. 1 p 99.

Paramaribo, near plant. Quarta. KEGEL 186 (fl. July).

Upper Surinam River. FOCKE 1304 (fl. May.)

Surinam. ROLANDER ex Miq. l. c.

Guyana.

Ficus erythrosticta Miq. Ann. Mus. Bot. Lugd. Bat. III. 226.

Paramaribo. KEGEL 356; FOCKE 1385; WENT 266.

Paulus-kreek: WENT 552.

British Guyana

Ficus gemina Ruiz ex Miq. Flora Bras. IV. 1 p. 98.

Surinam: WULLSCHLÄGEL ex Miq. l. c.

Amazon district, Peru.

COUSSAPOA Aubl.

Coussapoa asperifolia Trec. Ann. Sc. nat ser. III. 8 p. 96

Commewyne district, near plant. Lustrijk SPLITGERBER 448 H. L. B.

905, 185—38 (fl. Dec.) named *Coussapoa media* Splotgerb Mss.

Surinam: HOSTMANN 1189.

British Guyana.

Coussapoa latifolia Aubl. Plant. Guyan. II. 955 t. 362

var. **obovata** Miq. Flora Bras. IV. 1 p. 135

Upper Surinam River, near Bergendal. FOCKE 418 (fl. Sept.) and FOCKE

9 H. L. B. 905, 185—40.

POUROUMA Aubl.

Pourouma mollis Trec. Ann. Sc. nat ser. III. 8 102.

Surinam: HOSTMANN 1272.

Brazil, French Guyana.

CECROPIA Linn

Cecropia peltata Linn. Amoen. Acad. V. 410 n. 116.

Litane River: VERSTEEG 418 (fl. Dec.)

Jamaica.

Cecropia surinamensis Miq. Flora Bras. IV. 1. p. 143.

Para district: FOCKE (fl. Sept.)

Lower Coppename River: WENT 130.

Surinam. SPLITGERBER 1093 H. L. B. 905, 185—37 (fl. Febr.)

British Guyana ?

Cecropia palmata Willd. Spec. pl. IV. 652.

Surinam: SPLITGERBER 180 H. L. B. 905, 185—35.

Amazon district, British Guyana.

All species of *Cecropia* are named in the colony „Bosch-papaya”.

URTICACEAE

FLEURYA Gaud

Fleurya aestuans (L.) Gaud. Bot. Voy Uran

Upper Tapanahoni River. VERSTEEG 668 (fl Aug.)

Paramaribo FOCKE without number.

Surinam HOSTMANN H L B 903, 322—45.

var. γ . **racemosa** Weddell in D C Prodr XVI p. 72

Paramaribo SPLITGERBER H. L. B. 905, 185—43, KEGEL 144 (fl July),

TULLEKEN 10 H. L. B. 903, 322—1316, WENT 19 (fl. July).

Saramacca River PULLE 21 (fl. Nov)

Vernacular name: „Krassi-wiwirie”.

All tropical countries.

PROTEACEAE

PANOPSIS Salisb.

i

Panopsis hameliaefoliae (Rudge) Knight Prot 104

Ropala hameliaefolia Rudge Guyan. L. 22 t. 31.

Upper Gouini River · VERSTEEG 233 (fl. Sept.)

Surinam ANDERSON in Hb. Banks ex Meissner Flora Bras. V 1. p. 78.

Guyana

LORANTHACEAE.

STRUTHANTHUS Mart

Struthanthus syringifolius Mart. Flora 1830 p. 102.

Lower Surinam River. FOCKE 828 (fl. Aug.) on Citrus, named *Struthanthus cuspidatus* Don by Miquel in Linnaea XVIII p. 64; near plant. Marienburg WENT 269 (fl. Aug.) on Erythrina

Paramaribo. FOCKE 644 (fl. Sept.), SPLITGERBER 260 H. L. B. 905, 185—14, named *Loranthus ovalis* Splitg Mss; near Poelephantje. KEGEL 837 (fl. March)

Para district, near Osembo FOCKE 590 and 592, named *Loranthus cuspidatus* Mart by Miq Linnaea XVIII. p. 64.

Surinam FOCKE 1213; WULLSCHLAGEL ex Eichl. Flora Bras. V. 2 p. 79.
Tropical Brasil, Guyana

Struthanthus dichotrianthus Eichl. Flora Bras. V. 2 p. 75.

Paramaribo. KAPPLER 1609 named *Struthanthus pauciflorus* Miq. Linnaea XVIII. p. 752.

Surinam: FOCKE 1357 (fl. April), HOSTMANN H. L. B. 903, 322—315.
Venezuela, British Guyana, Trinidad.

Struthanthus concinnus Mart Flora 1830 p. 102

Paramaribo KEGEL 13 (fl. June).

Tropical and sub-tropical Brazil

Struthanthus confertus Mart. Flora 1830 p. 102

Lower Saramacca River, near plant. Catharina Sophia. SPLITGERBER 838 on Crescentia cujete (fl. April) H. L. B. 905, 185—9.

Tropical Brazil.

ORYCTANTHUS Eichl.

Oryctanthus ruficaulis (Pöpp. et Endl.) Eichl. Flora Bras. V. 2 p. 90.

Loranthus ruficaulis Pöpp et Endl Nov. Gen. II 61 t 185.

Goniniriver: VERSTEEG 824 (fl Aug.)

Paramaribo. FOCKE 406 on Nerium Oleander named. *Loranthus surinamensis* Miq. Linnaea XVIII p. 63.

Para district; near Onoribo: FOCKE 883 named *Loranthus vestitus* Miq Linnaea XVIII p. 62; SPLITGERBER 614 H. L. B. 905, 185—5, named *Loranthus angulatus* Splitg. Mss.; near Osembo. FOCKE 607, named *Loranthus vestitus* Miq

Upper Surinam River, near Bergendal. FOCKE 405 named *Loranthus surinamensis* Miq; FOCKE 926 (fl Sept)

Upper Saramacca River, PULLE 411 (fl Jan.)

Saramacca River, near Maripaston KEGEL 1321 (fl. May.)

Surinam FOCKE without number, named *Loranthus chloranthus* Miq.

Stirp Surin. Select p 205, HOSTMANN H L B. 903, 322—111,
Tropical Brazil, Guyana

Oryctanthus botryostachys Eichl. Flora Bras. V. 2 p. 89.

Surinam River, near Joden Savanne: KEGEL 1151 (fl. Nov)

Tropical Brazil, French Guyana

PHTHIRUSA Mart

Phthirusa Theobromae (Willd) Eichl Flora Bras V. 2 p 56.

Loranthus Theobromae Willd Herb. 6945.

Lower Surinam River, near Geyersvlyt: KEGEL 828 (fl March)

Paramaribo: KEGEL 131 (fl July) and 288 (fl. Aug.), FOCKE 799 (fl April) on Crescentia Cujete named *Loranthus flexistylis* Miq. Linnaea XVIII p 65, WENT 492 (fl Octob) on Melia Azedarach

Para district, near Osembo: FOCKE 587 (fl. April)

Upper Saramacca River PULLE 426 (fl. Jan)

Surinam FOCKE 765 on Hibiscus, FOCKE H L B. 905, 185—10, without collector's name H L B 905, 185—2 and 3, named *Loranthus aduncus* Meyer, HOSTMANN 557, WULLSCHLÄGEL ex Eichler l. c.

All tropical South-America.

Phthirusa squamulosa Eichler Flora Bras. V. 2 p 62.

Struthanthus squamulosus Klotzsch in Schomburgk Reise III 978 (nomen nud)

Gonini River: VERSTEEG 210 (fl Sept)

Surinam River, near Joden Savanne KEGEL 246 (fl. Nov.)

Para district, near plant. Berlijn HOSTMANN 1068 ex Eichler l c;
near Joden Savanne SPLITGERBER 858 H. L. B. 905, 185—12
(fl April) named *Loranthus fulgens* Splitg. mss., KEGEL 246
(fl. Nov)

Upper Saramacca River PULLE 410 (fl. Jan.)

Upper Nickerie River, near Blanche Marie falls TULLEKEN 316
 H. L. B 903, 322—1213 and 1610 (Sept.)
 Surinam: WULLSCHLAGEL ex Eichler l. c
 British Guyana

Phthirusa pyrifolia (H. B K) Eichler Flora Bras. V. 2 p. 63.

Loranthus pyrifolius H. B. K. Nov. Gen. III 441

Lower Surinam River, near plant. Marienburg. WENT 275 (fl. Aug.)
 on Tamarindus.

Paramaribo SPLITGERBER 76 H L B. 905, 185—4 (fl. Nov.) on
 Citrus, SPLITGERBER 1183 H. L. B. 905, 185—16 (fl. March), FOCKE
 254 (fl. Octob) on Lagerströmia indica

Surinam: HOSTMANN and KAPPLER 669; FOCKE 619, WULLSCHLAGEL
 ex Eichler l. c

Tropical South-America

Phthirusa Seitzii Krug. et Urban in Additamenta ad cognition florae

Indiae occident part IV in Botanische Jahrbücher Bnd XXIV. p 17

Surinam WULLSCHLAGEL 226 ex Krug et Urban l. c

Tabago, Trinidad

PSITTACANTHUS Mart

Psittacanthus clusiaefolius (Willd) Eichl. Flora Bras. V. 2 p 30.

Gonini River: VERSTEEG 241 (fl. Sept.)

Orinoco, Northern Brazil.

Psittacanthus cucullaris (Lam.) Blume in Schult. Syst VII. 1730.

Loranthus cucullaris Lam in Journ Hist nat Paris. 107.

Upper Litanie River VERSTEEG 407 (fl. Dec.)

Upper Saramacca River, near Toekoemoetoe PULLE 469 (fl. March)
 on Inga spec.

Upper Coppename River BOON 1146 (fl. Sept.)

Northern Brazil, Guyana.

PHORADENDRON Nutt.

Phoradendron acinacifolium Eichl. Flora Bras. V. 2. p. 117.

Upper Tapanahoni River: VERSTEEG 901 (fl. Sept.) on Psidium sp.

Upper Coppename River. BOON 1157 (fl. Sept.).

Tropical and sub-tropical Brazil.

Phoradendron latifolium (Sw.) Griseb Flora Br West. Ind. Islands 314.

Viscum latifolium Sw. Prodr fl. Ind Occ I 268

Paramaribo. SPLITGERBER 241 H. L. B. 905, 185—18 (fl. Dec.) named *Viscum luteum Splitg.* mss., near plant. Quarta and Poelcphantje; KEGEL 198 (fl. July).

Upper Saramacca River: PULLE 413 (fl. Jan.).

Surinam. FOCKE 281 and 448 on Citrus named. *Viscum Fockeanum* Miq. Linnaea XVIII p. 60; HOSTMANN 729, WULLSCHLAGEL ex Eichl. l. c. 127.

All tropical South-America.

Phoradendron racemosum (Aubl.) Krug et Urb. in Englers Botanische Jahrbucher XXIV. p. 46

Viscum racemosum Aubl. Pl. Guyan. II 895.

Para district, near Osembo: FOCKE 586 (fl. April) on Crescentia Cujete, named *Viscum glandulosum* Miq. Linnaea XVIII p. 60, near plant. la Prospérité: FOCKE 985.

Upper Surinam River near Bergendal. FOCKE 989.

Northern Brazil, Guyana, West-Indian Islands.

Phoradendron dimidiatum (Miq.) Eichl. Flora Bras. V. 2 p. 134 m.

Viscum dimidiatum Miq. Linnaea XVIII. p. 58

Orellana creek, near plant. La Campagne FOCKE 716 (fl. Octob.) on Citrus, on Persea FOCKE 168 H. L. B. 905, 185—11, named *Loranthus Fockei Splitg.* mss.

Phoradendron obtusissimum (Miq.) Eichl. Flora Bras. V. 2 p. 134 m.

Viscum obtusissimum Miq. Linnaea XVIII p. 602

Para district. FOCKE 1019 (fl. Sept.), near post Belair. SPLITGERBER 816 H. L. B. 905, 185—19 (fl. April). on Inga, named *Viscum obovatum Splitg.* mss.

Phoradendron rubrum (L.) Griseb. Flora Br. West. Indian Isl. 314

Viscum rubrum Linn. Spec. 1451.

Paramaribo SPLITGERBER 249 H. L. B. 905, 185—17 (fl. Dec.), named *Viscum alatum Splitg.* mss.

All tropical America.

Phoradendron surinamense Pulle nova spec.

Caulis teres, siccitate striatus, vaginis cataphyllaribus ad omnia internodia, orchreiformibus, vix bilobatis. Folia lanceolata vel linearia, plerumque falcata, coriacea, apice acuta, nervis parallelis utrinque valde prominentibus. Spicae axillares, solitariae, nec non terminales, 2—3-articulatae, articulis 2×3 -floris, androgynis, flore impari ♂. Flores articulae inferioris saepe abortivi. Flores in reacheos foveas profunde immersi, perigonis exsertis. Rachis apice acuta, vaginae bracteales breves, subtruncatae, rachi appressae. Bacca non suppetit.

Frutex ramosissimus Ramuli dichotomi, oppositi, ad nodos paulo incrassati, virides Internodia 4—7 cM longa Folia 2—4 cM longa, 3—6 mM lata Vaginae cataphyllares 2 mM longae. Spicae 10—12 mM. longae.

Pl V

Gonini River VERSTEEG 239 (fl Sept.)

Parasitic on *Erythroxylon* sp

Pl. V.



S. Linschoten del

T. van der Meer sculp.

OLACACEAE.

XIMENIA Plum.

Ximenia americana Linn Sp 497

Para district. KAPPLER 1718

Surinam: FOCKE 242 v. Miquel Linnaea XVIII (1844) p. 268 where
Miquel gives a description of the fruit; HOSTMANN 395, WULLSCHLÄGEL
781 ex Engler Flora Bras. XII 2 p. 10

Tropical America and Asia.

HEISTERIA Jacq.

Heisteria Kappleri Sagot Mss. in Herb. n 1198.

Marowyne River KAPPLER ed. Hohenacker 1912 (Aug.)

Upper Coppename River: BOON 1124 (Sept.)

French Guyana

Heisteria cauliflora Smith in Rees. Cycl. n 2; D. C. Prodr. I. 533

Gonini River VERSTEEG 51 (fl. Aug.)

Para district near plant Berlyn SPLITGERBER 740 H. L. B. 905, 185--22
and 23 (fl. March), de Vriese Ned. Kruidk. Archief I. 247.

Lower Saramacca River, near Maripaston. PULLE 24 (fl. Nov.)

Upper Saramacca River, near Janbasigado: PULLE 405 (fl. Jan.)

Upper Coppename River: BOON 1212 (fl. Sept.)

Upper Nickerie River. TULLEKEN 380 H. L. B. 903, 322--1615 and
1229, TULLEKEN 444 H. L. B. 903, 322--1565 (fl. Sept.)

French Guyana

BALANOPHORACEAE

HELOSIS L. C. Rich

Helosis guyanensis L. C. Rich. Mem du Mus. Hist. nat. Par VIII 416 t. 20

Upper Tapanahoni River. VERSTEEG 752 and 838 (fl. Aug.).

Paramaribo, near plant Ma Retraite. KEGEL 607 (fl. May)

Para district, near plant. Berlyn SPLITGERBER 728 H. L. B 898,
195—16 (fl. May).

Upper Saramacca River. PULLE 215 (fl. March).

Surinam. WULLSCHLÄGEL ex Eichler Flora Bras IV 2 p. 34

Northern tropical South-America

ARISTOLOCHIACEAE.

ARISTOLOCHIA Linn.

Aristolochia tribolata Linn. Sp. plant. ed. II 1361

Commewijne River, near plant. Lustrijk : SPLITGERBER 445 H. L. B.
898, 131—259 and 260 (fl. Dec.).

Tropical South-America.

Aristolochia macrota Duchartre Ann. Sc. nat. IV. ser. II. 43.

Paramaribo. FOCKE 60 H. L. B. 898, 131—250 and 251, named
Aristolochia surinamensis Willd. (*non* Miq.) by Miquel in Linnaea
XVIII p. 246,

Surinam, KAPFLER 604; HOSTMANN H. L. B. 903, 322—46.

British Guyana.

Aristolochia surinamensis Willd. Spec. pl. IV. 151.

Surinam. SPLITGERBER 192 H. L. B. 898, 131—249 and 253

Aristolochia platyloba Garcke Linnaea XXII p. 69

Paramaribo, near Laan van Tourtonne. KEGEL 632 (fl. Sept.)

Aristolochia paramaribensis Duchartre in D. C. Prodr. XV. 496.

Paramaribo. WULLSCHLÄGEL ex Duchartre l. c.

POLYGONACEAE.

POLYGONUM Linn.

Polygonum acuminatum H. B. K. Nov. Gen. et Spec. II 178.

Coronie: TULLEKEN 545 H. L. B. 903, 322—952 (fl. Octob.)

Surinam. HOSTMANN and KAPPLER 473. HOSTMANN H. L. B. 903,
322—238

Tropical South-America.

Polygonum acre H. B. K. Nov. Gen. et Spec. II. 179.

Upper Litanie River: VERSTEEG 371 (fl. Nov.)

Lower Surinam River, near plant Zwarigheid FOCKE 542 (fl. Octob.)
named *Polygonum macrochaete* Miq. Linnaea XVIII 242.

Paramaribo: Dr. VOLTZ without number, WENT 290 (fl. Aug.), near
Beekhuizen: VERSTEEG 509 (fl. June)

Surinam: HOSTMANN H. L. B. 903, 322—275, Dr. VOLTZ without
number, HOSTMANN and KAPPLER 489

All tropical America.

Polygonum hydropiperoides Michaux Flor. Bor. Am. I 139.

Surinam. WULLSCHLAGEL ex Meissner Flora Bras. V. 1 p. 17

All tropical and subtropical America.

ANTIGONON Endl.

Antigonon leptopus Hook. et Arn.

Lower Marowynne River near Albina: VERSTEEG 21 (fl. July.)

Paramaribo: WENT 2 (fl. July), VERSTEEG 569 (fl. July.)

Coronie: TULLEKEN 559 H. L. B. 903, 322—699 (fl. Octob.)

Cultivated in gardens.

Western Mexico.

COCCOLOBA Linn

Coccoloba polystachya Wedd. Ann. Sc. nat. 3 ser. XIII 261

var. β . *pubescens* Lindau in Monogr. generis Coccolobae in Englers
Botan. Jahrbücher XIII. 133

Saramacca River, near Maripaston. KEGEL 1339 (fl. May.)
Amazon district, Rio, French Guyana.

Coccoloba latifolia Lam Encycl. VI. 61 t. 316.

Paramaribo, near plant. Quarta KEGEL 277 (fl. June); near Oude
Rijweg: KEGEL 475 (fl. Aug.); near Kwattaweg WENT 303 (fl. Aug.)
Surinam. HOSTMANN 682; SPLITGERBER 526 H. L. B. 905, 185—27
(fl. Jan.), Dr VOLTZ without number, WULLSCHLAGEL 450 and 1071
ex Lindau l. c. 134.

Vernacular name. „Bradiliefie" (Broad leaf).

Northern Brazil, Guyana, West-Indian Islands.

Coccoloba excelsa Benth. in Hook. Journ. of Botany IV. 624.

Gonini River. VERSTEEG 147 and 174 (fl. Aug.)

Tapanahoni River: VERSTEEG 727 (fl. Aug.)

Upper Saramacca River PULLE 458 (fl. Febr.)

Surinam KAPPLER 1715, HOSTMANN 245; FOCKE 979; WULLSCHLAGEL
804 and 1660 ex Lindau l. c. 171.

Guyana, Northern Brazil, St. Domingo

Coccoloba guyanensis Meissn. Linnaea XXI 264.

Paramaribo KEGEL 492 (fl. Aug.), SPLITGERBER 772 H. L. B. 905,
185—24 and 26 (fl. March)

Surinam NOLTE in Herb Gotting, HOSTMANN 506, HOSTMANN and
KAPPLER 113; KAPPLER 1620; WULLSCHLAGEL 882 ex Lindau l. c.
180; HOSTMANN H. L. B. 903, 322—280.

Guyana

Coccoloba nitida H. B. K. Nov. Gen. et Spec. II. 140.

Surinam KAPPLER 1620.

Tropical Brazil, Britisch Guyana, Columbia, Guatemala

Coccoloba uvifera (L.) Jacq. Hist. Am. Stirp. 112 t. 73

Polygonum uvifera Linn. Spec. pl. Ed. I. 365.

Paramaribo: KEGEL 984 (fl. Aug.)

Saramacca River, near Monitor: WENT 246 (fl. Aug.)

Surinam. SPLITGERBER 577 H. L. B. 905, 185—28 (fl. June), FOCKE 170
H. L. B. 905, 185—30; WEIGELT H. L. B. 905, 185—29, FOCKE
1276 (fl. June), WULLSCHLAGEL ex Lindau l. c. 206.

Vernacular name: „Druif" (Grape) or „Zeedruif" (Sea-grape)

All tropical America.

TRIPLARIS Linn

Triplaris surinamensis Cham. Linnaea VIII. p. 138

Upper Gonini River VERSTEEG 229 (fl. Sept.)

Upper Tapanahoni River. VERSTEEG 745 (fl. Aug.) and 817 (fr. Aug.)

Lower Surinam River, near Marienburg: WENT 414 (fr. Octob.)

Commewyne district, near plant Canawappibo SPLITGERBER 319 H. L. B.
905, 185—32 (fl. Dec.)

Coppename River. BOON 1131 (fl. Sept.) and 1236 (fr. Octob.)

Surinam HOSTMANN 1188, KAPPLER 117 H. L. B. 900, 320—439, 440
and 441, HOSTMANN and KAPPLER 1643; Dr VOLTZ without number

var. α **Chamissoana** Meissn. Flora Bras. V. 1 p. 50

Surinam HOSTMANN 439, WULLSCHLÄGEL 802 ex Meissn. l. c.

var. β **Benthamiana** Meissn. l. c.

Surinam WEIGELT H. L. B. 905, 185—34, named *Blochmannia Weigel-*
tiana Reicheb.;

Paramaribo: KEGEL 952 (fl. July) named *Triplaris surinamensis* Cham
var. *crassifolia* C. A. Meyer

Very common tree in swamps.

Vernacular name 'Mira-hoedoe' or 'Mierenhout'

Guyana, Northern Brazil

CHENOPODIACEAE

CHENOPODIUM Linn.

Chenopodium ambrosioides Linn Spec pl. 320.

Paramaribo : FOCKE 1395 (fl Sept)

Vernacular name . »Tiengie-menti”

Cosmopolitan.

AMARANTACEAE

CHAMISOA H. B. K.

Chamissoa altissima (Jacq) H. B. K. Nov. Gen. et Spec. II 197.

Nickerie: TULLEKEN 584 H. L. B. 903, 322—991 (fl. Nov.).

Tropical Brazil.

Chamissoa acuminata Mart. Beitr. Amarant. p. 78 n. 3.

Surinam: HOSTMANN Herb. Rheno-Traj. without number.

Tropical Brazil.

AMARANTUS Linn.

Amarantus Blitum Linn. Spec. plant. 1405

Paramaribo SPLITGERBER 259 H. L. B. 897, 295—264 (fl. Dec.);

TULLEKEN 126 H. L. B. 903, 322—1480 (fl. Aug.); WENT 299 (fl. Aug.).

Lower Saramacca River, near plant Domburg: TULLEKEN 179 H. L. B. 903, 322—1411 (fl. Aug.)

Saramacca River, near Maripaston; PULLE 3 (fl. Nov.).

Nickerie: TULLEKEN 305 H. L. B. 903, 322—1086 (fl. Aug.).

Vernacular name. „Kraroen” or „Klaroen” (Went, Pulle), „Krassiwiri” (Tulleken), „Redi Maka Klaroen” (van Hall.).

Cosmopolitan

Amarantus spinosus Linn. Spec. pl. 1407.

Paramaribo KEGEL 389 (fl. Aug.); SPLITGERBER 161 H. L. B. 897, 297—62 (fl. Nov.); WENT 499 (fl. Octob.).

Vernacular name „Maka kraroen” (Went).

All tropical countries.

Amarantus melancholicus Linn. Spec. plant. 1403.

Commewyne River, near plant. Rust en Werk SPLITGERBER 1144 H. L. B. 897, 295—263 (fl. Febr.).

All tropical and sub-tropical countries.

CYATHULA Lour.

Cyathula achyranthoides (H. B K) Moq Prodr XIII. 2 p. 326

Lawa River, near Cottica · VERSTEEG 271 (fl. Octob.)

Paramaribo, near Tourtonne. KEGEL 346 (fl. July), near Beekhuizen.

SPLITGERBER 224 H. L. B 897, 298—220 (fl. Dec.)

Para district, near Onoribo: FOCKE 869 (fl. March).

Surinam HOSTMANN and KAPPLER 476, HOSTMANN H. L. B 903,
322—161

Tropical South-America and Africa

ACHYRANTHES Linn.

Achyranthes aspera L. Spec. plant. 295.

Paramaribo. TULLEKEN 20 H. L. B. 903, 322—1493 (fl. July)

All tropical countries.

PFIAFFIA Mart

Pfiaffia paniculata (Mart.) O Ktze Revis. Gen. pl. II. 453.

Hebanthe paniculata Mart. Nov. Gen II 43. t. 140.

Marowynne River · KAPPLER (ed Hohenacker) 1911 (fl. Aug.)

Lawa River, near Cottica. VERSTEEG 284 (fl. Octob.)

Surinam KAPPLER H. L. B 903, 322—412.

Tropical South-America

ALTERNANTHERA Forsk.

Alternanthera sessilis (L.) R. Br. Prodr. Fl. Nov. Holl. I. 417.

Gomphrena sessilis Linn. Spec. pl. Ed. II. 30

Paramaribo. KEGEL 1250 (fl. Febr.)

Nickerie · TULLEKEN 302 H. L. B. 903, 322—1219 (fl. Aug.)

Surinam. WEIGELT H. L. B. 897, 298—131, named *Alternanthera*
ficoidea R. Br

Vernacular name. „Weti hede”

Cosmopolitan.

Alternanthera ficoidea (L.) Röm. et Schult. Syst. V. p. 555.

Gomphrena ficoidea Linn Spec. pl. ed. II 308.

Marowynne River: KAPPLER ed Hohenacker 1980 (fl. Aug.)

Paramaribo: SPLITGERBER 24 H. L. B. 897, 298—140 (fl. Nov.), FOCKE
166 H. L. B 897, 298—139 (fl. Octob.)

Surinam: HOSTMANN H. L. B 322—205.

Tropical America.

Alternanthera polygonoides (L.) R. Br. Prodr. Fl. Nov. Holl. I. 416

Gomphrena polygonoides L. Spec. pl. Ed. I. 225.

Paramaribo, near plant. Quarta KEGEL 180 (fl. July); near Kwatta-
weg TULLEKEN 62 H L. B. 903, 322—1341. (fl. July)
Saramacca River, near Groningen WENT 171 (fl. Aug.)
Tropical and sub-tropical South-America.

Alternanthera philoxeroides (Mart.) Griseb

Buchholzia philoxeroides Mart. Beitr. Amar 107 n 5
Paramaribo near Beekhuizen KEGEL 146 (fl. July)
Surinam HOSTMANN H L. B. 903, 322—175
Tropical and sub-tropical America.

GOMPHRENA Linn.

Gomphrena globosa Linn. Spec. pl. 326.

Paramaribo; KEGEL 966 (fl. Aug.)
Upper Saramacca River PULLE 454 (fl. Febr)
All tropical countries.

IRESINE Linn

Iresine vermicularis (L.) Moq. Prodr. XIII. 2 p. 340.

Gomphrena vermicularis L. Spec. plant. ed. I 224.
Paramaribo SPLITGERBER 471 H. L. B. 897, 298—2 (fl. Jan)
Near Matappica. FOCKE 268 (fl. Dec)
Nickerie TULLEKEN 291 H L B 903, 322—1596 (fl. Aug)
Tropical America and Africa.

Iresine surinamensis (Miq.) Moq. Prodr. XIII. 2 p. 329.

Philoxerus surinamensis Miq in Plant Kappler. surin. ed. Hohenacker
n 1591
Paramaribo. KAPPLER 1591.

BATIDACEAE

BATIS Linn

Batis maritima Linn Spec. plant 1451.

Vredenburger kreek · FOCKE 793, at the sea-coast

Plantation Badenstein at the sea-coast SPLITGERBER 796 H. L. B

898, 194—27 (fl April)

Tropical and sub-tropical America, Sandwich-Islands

PHYTOLACCACEAE.

MICROTEA Swartz

Microtea debilis Sw. Ind. Occ. I. p. 543.

Para district, near Onoribo FOCKE 885 (fl. March).

Saramacca River, near Groningen WENT 230 (fl. Aug.)

Surinam: HOSTMANN H. L. B. 902, 322—114.

Tropical South-America.

PHYTOLACCA Linn.

Phytolacca decandra Linn. Spec. plant 631.

Marowyne River, near Poeloegoedoe. VERSTEEG 618 (fl. July).

Para River, near Onoribo FOCKE 285 (fl. Aug.)

Saramacca River. FOCKE 285, near plant. Vier Hendrikken. WENT
223 (fl. Aug.)

Vernacular name „Gogomago“.

All tropical and sub-tropical countries.

NYCTAGINACEAE.

BOERHAVIA Linn

Boerhavia paniculata Rich. Act. soc. hist. nat. Paris I 105

Lower Surinam River, near plant. Geyersvlyt: KEGEL 693 (fl Febr);

near plant. Zeezigt. SPLITGERBER 794 H. L. B 905, 185—21 (fl April).

Saramacca River WENT 180 (fl Aug.).

Nickerie: TULLEKEN 310 H L B 903, 322—1045 (fl Sept); FOCKE

500 named *Boerhavia surinamensis* Miquel Linnaea XVIII p 244

Surinam. HOSTMANN 759, HOSTMANN H. L. B. 903, 322—210.

All tropical and sub-tropical countries.

MIRABILIS Linn.

Mirabilis Jalapa Linn Spec. plant 252.

Paramaribo. TULLEKEN 74 H. L. B 903, 322—1353, WENT 21 (fl July).

Vernacular name "Viernursbloem"

Mexico.

BOUGAINVILLEA Commers

Bougainvillea spectabilis Willd. Spec II. 348

Paramaribo, in gardens WENT 486 (fl. Octob.).

Tropical Brazil.

PISONIA Plum.

Pisonia minor Choisy in D. C. Prodr. XIII. 2. p 443.

Joden Savanne: KEGEL 1157 (fl. Nov.).

Tropical Brazil.

Pisonia Riedeliana Fischer.

Paramaribo, near Oude Rijweg: KEGEL 653 (fl. Sept)

Brazil

Pisonia Pacurero H B K Nov Gen. et Spec II. p 218

Surinam · HOSTMANN and KAPPLER 414, 824, 947 ex Choisy Prodr
XIII p. 442.

Tropical Brazil

Pisonia nigricans Swartz Prodr p 60

Paramaribo SPLITGERBER 1030 (fl. Aug.) ex De Vriese Ned Kruidk.

Archief L p 355

West-Indian Islands

AIZOACEAE

MOLLUGO Linn.

Mollugo verticillata Linn Hort Ups 24

var. α **vulgaris** Rohrb Flora Bras XIV 2 p 240

lusus I **latifolia** Fenzl Annalen des Wiener Hofmuseums I 376.

Surinam KAPPLER H. L. B 903, 322—470

lusus II. **linearis** Fenzl l c 377.

Marowyne River, near Galibi WENT 418 (fl. Octob.), near Armina falls.

WENT 465 (fl. Octob.), KAPPLER 2119 (fl. Octob)

Lawa River VERSTEEG 272 (fl. Octob)

Lower Surinam River: KAPPLER ed. Hohenacker 1811 (fl. April).

Matappica FOCKE 274 (fl Dec)

Saramacca River, near Maripaston. KEGEL 1310 (fl May.)

Surinam HOSTMANN 1019. SPLITGERBER 804 H L. B. 903, 245—534
(fl. April)

All tropical and sub-tropical America

SESUVIUM Linn

Sesuvium portulacastrum Linn Spec. plant 446.

Surinam, near plant Zwanigheid FOCKE 557, near Matappica FOCKE
271, named *Sesuvium acutifolium* Miq.; WULLSCHLÄGEL ex Rohrb.

Flora Bras XIV 2 p. 310

All tropical and sub-tropical countries

PORTULACACEAE.

TALINUM Adans

Talinum racemosum (L.) Rohrb Flora Bras. XIV. 2 p. 297.

Portulaca racemosa Linn Spec. plant. 640.

Near Paramaribo. VERSTEEG 521 (fl. June).

Upper Saramacca River (cultivated by the negroes). PULLE 449
(fl. Jan)

Vernacular name: „Surinaamsche Postelein' (Versteeg) or „Bokkohlle”
(Pulle)

All tropical America.

PORTULACA Linn

Portulaca oleracea Linn. Spec. plant. 638

Upper Tapanahoni River VERSTEEG 922 (fl. Octob.)

Paramaribo. SPLITGERBER 276 (fl. Dec.) ex de Vriese Ned. Kruidk.

Archief I. p. 318,

Near Vredenburg-kreek FOCKE, 704.

Surinam: FOCKE 504

Cosmopolitan

Portulaca pilosa Linn. Spec. plant 639.

Upper Tapanahoni River (Mount Teeboe). VERSTEEG 771 (fl. Aug.)

Upper Coppename River BOON 1134 (fl. Sept.)

All tropical and sub-tropical Brazil.

CARYOPHYLLACEAE

DRYMARIA Willd.

Drymaria cordata (L.) Willd. Mss. apud Rom. Schult. Syst. V. 406.

' *Holostium cordatum* L. Amoen. Acad. III. 21.

Paramaribo: SPLITGERBER 214 H. L. B. 899, 43—227 (fl. Dec.)

Surinam. HOSTMANN 303, 714a, WULLSCHLÄGEL ex Rohrbach Flora

Bras. XIV. 2 p. 260.

Tropical America, Asia and Africa.

POLYCARPAEA Lam

Polycarpaea corymbosa (L.) Lam. Illustr. 2798.

Achyranthes corymbosa Linn. Spéc. plant. 296.

Para district: SPLITGERER 1004 H. L. B. 899, 144—283 (fl. May).

Saramacca River, near Saron. KEGEL 224 (fl. May).

Surinam. HOSTMANN 598; HOSTMANN and KAPPLER ed. Hohenacker

598 named *Polycarpaea atherophora* Steud. in Flora 1843 p. 763;

WULLSCHLÄGEL ex Rohrb. Flora Bras. XIV. 2 p. 255

All tropical countries

NYMPHAEACEAE.

CABOMBA Aubl.

Cabomba aquatica Aubl Plant. Guyan l. 321 t. 124.

Lower Surinam River, near Jagtlust in stagnant water FOCKE 215

H. L. B. 905, 205—39 (fl. Aug.); WENT 25 (fl. July).

Near Pietersburg. WULLSCHLAGEL ex Caspary Flora Bras. IV. 2.
p. 140.

Para district FOCKE 98 (fl. March)

Commewyne district, near plant Canawappibo SPLITGERBER 293

H. L. B. 905, 205—40 (fl. Dec.)

Surinam HOSTMANN 82 ex Caspary l. c., HOSTMANN H. L. B. 903,
322—144.

Vernacular name "Sasara wiwirie".

Tropical and sub-tropical America.

NYMPHAEA Smith.

Nymphaea ampla D. C. Prodr. l. 115

var. II. **speciosa** Caspary Flora Bras. IV. 2 p. 158.

Commewyne district, near plant. Canawappibo: SPLITGERBER 296

H. L. B. 905, 205—38 (fl. Dec.)

Para River, near Topibo TULLEKEN 211 H. L. B. 903, 322—1445
(fl. Aug.)

Tropical South-America, West-Indian Islands

Nymphaea Rudgeana G. F. W. Meyer Prim. Fl. Esseq. 198.

Para district WULLSCHLAGEL 1350 ex Caspary l. c. 165.

Tropical South-America.

Nymphaea amazonum Mart. et Zucc. Abhandl. der Math. Phys. Klasse
der Acad. Münch. I. 363

Paramaribo, near Beekhuizen: WULLSCHLÄGEL 6 ex Caspary l. c. 169,
near Poelephantje KEGEL 932 (fl. June).

Para district, near Onoribo: WULLSCHLÄGEL 1349 ex Caspary l. c.
Commewyne district, near plant. Canawappibo. SPLITGERBER 297
H. L. B. 905, 205—37 (fl. Dec.).

Surinam: HOSTMANN 565.

Tropical South-America

ANONACEAE

UVARIA Linn.

Uvaria guatteroides A. D. C. in Mém. de la Soc. de Phys. de Genève
V 202.

Upper Tapanahoni River, near Drie Tabbetje VERSTEEG 687 (fl. July).
Surinam River, near Bergendal: SPLITGERBER 921 H. L. B. 898, 63—366
(fl. April).

Saramacca River, near Maripaston: KEGEL 1362 (fl. May.)

GUATTERIA Ruiz et Pav.

Guatteria chrysopetala (Steud.) Miq. Linnaea XXII. 466.

Anona chrysopetala Steud. Flora 1843. p. 754.

Surinam River HOSTMANN and KAPPLER ad. Hohenacker 1295 (fl. Dec.)

Guatteria elongata Benth in Hook. Lond. Journ. II. 358.

Surinam River, near Bergendal FOCKE 934 (fl. Scept.)

British Guyana.

Guatteria Schomburgkiana Mart. Flora Bras. XIII. 1 p. 38.

Saramacca River, near Maripaston · KEGEL 1307 (fl. May.)

Surinam: HOSTMANN 1221, named *Anona Hostmanni* Steud. Flora 1843
p. 754

British Guyana.

DUGUETIA St. Hil

Duguetia lepidota Miq. Linnaea XIX. 129.

Surinam River · KAPPLER 1686 (fl. Octob.)

CYMBOPETALUM Benth

Cymbopetalum brasiliense Benth in Journ. Linn. Soc. V. 69.

Paramaribo, near Beekhuizen KEGEL 1010 (fl. Sept.)

Para district, near Onoribo · SPLITGERBER 677 H. L. B. 898, 60—92
(fl. March), named *Unona viridiflora* Splitg. Mss. de Vriese Ned
Kruidk. Arch. I. p. 224

Brazil.

XYLOPIA Linn.

Xylopia salicifolia Dun. Mon. Anon 121. t. 17.

Para River, near Post Republiek: TULLEKEN 225 H. L. B. 903, 322—1184.

Surinam River, near Bergendal: FOCKE 271; near Blauwe Berg:

SPLITGERBER without number ex de Vriese l. c. 223.

Saramacca River, near Groningen. WENT 168.

Surinam HOSTMANN 629 and 351.

Vernacular name. „Pegrekoe.”

Brazil, Guyana.

Xylopia frutescens Aubl. Plant Guyan. II 602 t 242.

Surinam River, near Blauwe Berg: SPLITGERBER 247 H. L. B. 898, 63—604 (fl. May.)

Nickerie River: TULLEKEN 412 H. L. B. 903, 322—1503.

Surinam. HOSTMANN and KAPPLER 1687, FOCKE 271.

Vernacular name „Pegrekoe”

Tropical Brazil, Guyana

ANONA Linn.

Anona sphaerocarpa Splitg. Tijdschr Nat Gesch en Phys. IX. p. 96 and de Vriese Ned. Kruidk Archief I p 226

Paramaribo: SPLITGERBER 110 H. L. B. 898, 60—61 (fl. Nov.)

Vernacular name „Bosch-zuurzak”.

Anona muricata Linn Spec. plant. II. 1264

Gonini River VERSTEEG 89 (fl. Aug.)

Paramaribo, near plant. Quarta: KEGEL 949

Commewyne district, near plant Lustrijk: SPLITGERBER 324 H. L. B. 898, 60—53 (fl. Dec.)

Vernacular name „Zuurzak”.

West-Indian Islands.

Anona sericea Dunal Mon. Anon 69 t. 5.

Paramaribo KEGEL 497 (fl. Aug.); near Port Belair: SPLITGERBER 807 H. L. B. 898, 60—76 (fl. April)

Amazon district.

Anona palustris Linn Spec. plant II 1267.

Paramaribo SPLITGERBER 1032 H. L. B. 898, 60—56 (fl. May), KEGEL 819 (fl. March).

Tropical South-America

Anona squamosa Linn. Spec. plant Ed. II. 1265.

Surinam: SPLITGERBER 323 H. L. B. 898, 60—89 (fl. Dec.)

Cultivated everywhere
 Vernacular name „Kancelappel”
 West-Indian Islands

Anona tenuifolia A D C. Mem. Soc de Phys de Genève V. 198.
 Surinam HOSTMANN 629m
 Guyana.

Anona peduncularis Steud Flora 1843 p 754
 Surinam HOSTMANN 1116

Anona Marcgravii Mart Flora Bras. XIII 1 p 5.
 Para district, near plant la Rencontre. FOCKE 807 (fl April).
 Tropical Brazil.

Anona acutiflora Mart. Flora Bras XIII. 1 p. 10
 Surinam: HOSTMANN and KAPPLER ed. Hohenacker 1191, named
Rollinia exsucca D C by Steud. Flora 1843 p 754, and *Anona*
haematantha Mig Linnaea XXII p 465.
 Tropical Brazil.

ROLLINIA St Hil

Rollinia multiflora Splitg Tijdschr Nat Gesch en Phys. IX p 97.
 and de Vriese Ned. Kruidk. Arch. I. p. 232.
 Lower Surinam River, near Jagtlust. SPLITGERBER 595 (fl. Febr.),
 near Poelepantje: KEGEL 89, near Paramaribo. KEGEL 397 (fl Aug).
 Surinam River, near Station Victoria KAPPLER ed. Hohenacker 1383
 (fl Dec.).
 Surinam. NOLTE in Hb. Gott; HOSTMANN H. L B 903, 322—31.
 Guyana.

Rollinia laurifolia Schlechtd Linnaea IX. p 319
 Upper Saramacca River PULLE 230 (fl. March).
 Brazil.

Rollinia resinosa Spruce ex Benth in Hook Kew Journ V p 9
 Paramaribo, near Wanicapad: FOCKE 642 (fl Sept.) named *Rollinia*
glaucescens Mig. Stirp. Surin Select. 108
 Surinam. HOSTMANN 967.
 Guyana

MYRISTICACEAE.

IRYANTHERA Warb.

Iryanthera Hostmanni (Benth.) Warb Monogr der Myrist. p. 157.

Myristica Hostmanni Benth in Hook. Kew Journ. of Botan. V. p. 7.

Surinam. HOSTMANN 1162 ♂ and 1181, ♂.

Columbia, French Guyana.

VIROLA Aubl.

Virola sebifera Aubl. Plant. Guyan. II 904 t. 345.

Surinam KEGEL 275, HOSTMANN 635, 638a. ♂.

Guyana, Northern Brazil, Peru.

Virola surinamensis (Roland) Warburg Monogr. der Myrist. p. 208.

Myristica surinamensis Roland in Act. lit. Hafn. 281—302.

Myristica fatua Swartz Prodr. 96.

Upper Tapanahoni River, near Intelewa VERSTEEG 859 (fl. Sept.) ♂.

Upper Cottica River: FOCKE 685 (fl. Octob) and FOCKE 112 H. L. B
905, 205—32 ♂

Paramaribo, near Oude Rijweg. KEGEL 283 (fl. Sept.) ♀

Paramaribo, Kwatta weg: WENT 294 (fl. Aug.) ♂.

Surinam River, near Cassepoera-creek: KAPPLER, ed Hohenacker
1730 (fl. Octob) ♂.

Para district. SPLITGERBER 564 H. L. B. 905, 205—30 and 31
(fl. May). ♀.

Lower Coppename River WENT 148 (fl. Aug.) ♀

Surinam HOSTMANN H. L. B 903, 322—33 (♂); SPLITGERBER H L B.
905, 205—29 and 34 (♀ and fruits); WULLSCHLÄGEL 845 and 846 (♂),
HOSTMANN 786 (♂).

Vernacular name „Baboentrie" or „Baboen hoedoe".

Amazon district, Guyana, West-Indies.

MENISPERMACEAE

CISSAMPELOS Linn.

Cissampelos Pareira Linn. Spec. pl 1473

Surinam : KEGEL 228 ex Miq. Linnaea XXII p 71

All tropical countries.

Cissampelos longipes Miers Contrib to Botan. III. p. 138

Surinam : HOSTMANN 19 ex Miers l. c

Guyana, West-Indies.

ABUTA Aubl

Abuta rufescens Aubl Pl. Guyan. I 618 t 250.

Lawa River, KAPPLER ed Hohenacker 2078 (fl. Octob.)

Brazil, Guyana

Abuta acutifolia Miers Contrib. to Botan. III p. 91.

Surinam : FOCKE 1237.

Northern Brazil.

ANOMOSPERMUM Miers.

Anomospermum Hostmanni Miers Contrib to Botan. III. p. 73.

Surinam. HOSTMANN and KAPPLER 1298 ex Miers l. c.

French Guyana.

Anomospermum lucidum Miers Contrib to Botan. III. p. 72.

Gonini River : VERSTEEG 225 (fl. Sept) ; Tapanahoni River : VERSTEEG 888 (fl. Sept.).

Northern Brazil, Guyana

SCIADOTAENIA Miers.

Sciadotaenia leucophylla Miers Contrib to Botan. III p 344

Surinam ANDERSON ex Miers l. c.

HYPERBAENA Miers.

Hyperbaena Hostmanni Miers in Ann. Nat. Hist. ser. 2 VII. p. 44

Para district SPLITGERBER 1010 H. L. B. 905, 205—35 (fl Jan.)

Surinam HOSTMANN 1050 ex Miers Contrib. to Botan III p 297;

KEGEL 245, named by Miquel Linnaea XXII p 71. *Cocculus tamor-*
des D. C.

French Guyana

SOMPHOXYLON Eichl.

Somphoxylon Wulfschlägelii Eichl. Flora Bras XIII 1 p 206

Paramaribo WULLSCHLAGEL ex Eichl. l. c

MONIMIACEAE.

MOLLINEDIA Ruiz et Pav.

- Mollinedia laurina** Tul. Ann. Sc. nat. ser. 4 III 43.
Upper Saramacca River. PULLE 224 (fl. March). ♂
French Guyana, Trinidad

SIPARUNA Aubl.

- Siparuna cuspidata** (Tul.) A. D. C. Prodr. XVI 2 p 675.
Citriosma cuspidata Tul. Ann. Sc. nat. ser. 4. III. p 40.
Surinam. HOSTMANN 955 and 1167.
French Guyana.
- Siparuna argyrochrysea** Perk. in Engl. Bot. Jahrb. XXVIII p 702
Saramacca River, near Jakob-Kondre PULLE 121 (fl. Dec)
French Guyana
- Siparuna guyanensis** Aubl. Plant Guyan. II 865 t. 333
Marowynne River, near Albina. WENT 445 (fl. Octob.)
Tropical South-America, Trinidad.
-

LAURACEAE.

CINNAMOMUM BI

- Cinnamomum zeylanicum Breyn** Nees Syst Laur p 45
Cultivated.
Ceylon.

PERSEA Gärtn.

- Persea gratissima Gärtn** Fr. III. 222
Cultivated, vernacular name »Advocaat"
All tropical countries

OCOTEA Aubl

- Ocotea Rodiei (Schomb.) Mez** Laurac. Americ. 236
Nectandra Rodiei Schomb Reise Br. Guyan III p 334
Surinam HOSTMANN 235, KEGEL 193 ex Miq Stirp. Surin Select
p. 197 t. 58
Guyana
- Ocotea guyanensis Aubl** Plant Guyan II. 781 t. 310.
Surinam HOSTMANN 1111, KEGEL 233, SPLITGERBER, DUMORTIER
Vernacular name. »Basuba-pisie" (Dumortier).
Guyana, Amazon district, Bolivia, Columbia
- Ocotea fallax (Miq) Mez** Laurac. americ. p. 310
Oreodaphne fallax Miq. Stirp Surin Select p. 203
Marowynne River KAPPLER ed Hohenacker 2028 H. L. B. 903,
322—500 (fl Febr)
Para district KAPPLER ed. Hohenacker 1433 (fl Febr —April), named
Nectandra Neesiana Miq. Linnaea XVIII p. 745.
- Ocotea floribunda (Sw.) Mez** Laurac americ. p. 325
Para district. WULLSCHLÄGEL 1549 ex Mez. l c
Tropical South-America

Ocotea Schomburgkiana (Nees) Mez Laurac. americ. p. 337.

Oreodaphne Schomburgkiana Nees Linnaea XXI. p. 268

Para district, near Onoribo. FOCKE 882 (fl. Octob.).

Saramacca River, near Maripaston. KEGEL 1302, 1312.

British Guyana.

Ocotea puberula Nees Syst. Laur. 472.

Surinam ex Mez. l c 344

All tropical South-America

var. **truncata** Mez l c 344

Surinam. SPLITGERBER 813 ex Mez.

French Guyana, Mexico.

Ocotea Martiniana (Nees) Mez Laurac. americ. p. 345

Para district, near plant. la Rencontre: FOCKE 783 (fl. April).

Surinam HOSTMANN 517, 1286 named *Oreodaphne Hostmanniana* Miq.

Stirp Surin Select p. 202

French Guyana

Ocotea canaliculata (Rich.) Mez Laurac. americ. p. 361.

Laurus canaliculata Rich. Act. Soc. Hist. nat. Par. 1792 p. 108.

Para district, without collector's name in Hb. Vahl. ex Mez l c 361.

French Guyana, Trinidad.

Ocotea marowynensis (Miq.) Mez Laurac. americ. p. 380.

Oreodaphne marowynensis Miq. Stirp. Surin Select. p. 201.

Marowynne River. KAPPLER ed. Hohenack. 629 p. p. (fl. Aug.), named:

Nectandra revoluta Miq.

Surinam HOSTMANN 964 named *Oreodaphne caudata* Nees Linnaea

XXI p. 519, HOSTMANN and KAPPLER 174, SPLITGERBER 1037 ex

Mez. l c 381, KAPPLER H. L. B. 903, 322—372.

NECTANDRA Roland

Nectandra globosa (Aubl.) Mez Laurac. americ. p. 415.

Laurus globosa Aubl. Guyan. I 364

Tapanahoni River VERSTEEG 679 (fl. July)

Surinam River, near Bergendal. FOCKE 1305 (fl. May), named by Miquel

Nectandra Pisi Miq. Stirp. Surin Select p. 199

Upper Nickerie River TULLEKEN 435 H. L. B. 903, 322—1558,

TULLEKEN 492 H. L. B. 903, 322—1026 and 1241. (fl. Sept.).

Surinam. Dr. VOLTZ; KEGEL 193, SPLITGERBER 542, 999, WULLSCHLAGEL

455, 1548, 1550, KAPPLER 1827 named by Miquel *Nectandra pallida*

Nees Linnaea XXI p. 510, Miquel Stirp. Surin. Select 198; HOSTMANN

and KAPPLER 207, and 235 ex Mez. l c 416

Vernacular name "Pisie". (Focke).

All tropical South-America.

Nectandra guyanensis Meissn. in D C Prodr XV. 1 p. 160.

Surinam FOCKE, HOSTMANN 973 named *Nectandra salicifolia* var *Nees*
 Linnaea XXI. p 506, SPLITGERBER H L B 905, 205—21 and 22,
 HOSTMANN and KAPPLER 973; KEGEL 258, 631 ex Mez l. c. 433,
 SPLITGERBER 1000, WULLSCHLAGEL 543.
 British Guyana.

Nectandra Pichurim (H. B. K.) Mez Laurac americ p 449.

Ocotea Pichurim H. B. K. Nov Gen. II 266.

Surinam · HOSTMANN 790 named by Miquel Stirp Surin. Select. p. 200
 t. 59, *Nectandra cuspidata* Nees.
 Surinam River, near Bergendal, FOCKE 1306 (fl May)
 Vernacular name "Pisi" (Focke)
 All tropical America

Nectandra surinamensis Mez Laurac. americ. p 454.

Siparawini River KAPPLER ed Hohenacker 2076 (fl Sept) H. L B
 903, 322—525.
 Guyana.

AIQUEA Aubl

Aiuea densiflora Nees Linnaea XXI. p 268 and 513.

Surinam River, near Joden Savanne KEGEL 1185
 Surinam HOSTMANN 1042, HOSTMANN and KAPPLER 263 Mez. Laurac.
 americ p. 36
 British Guyana, Trinidad

Aiuea guyanensis Aubl Guyan. I 310 t 120.

Surinam. HOSTMANN 263.
 French Guyana, Venezuela.

ANIBA Aubl

Aniba Kappleri Mez Laurac americ. p 52.

Marowayne River. KAPPLER ed. Hohenacker 1982 (fl. Aug)

Aniba canelilla (Willd.) Mez Laurac. americ p. 53.

Laurus canelilla Willd Herb. 7784
 Surinam. WULLSCHLAGEL 1679 ex Mez. l c. 54.

Aniba Hostmanniana (Nees) Mez Laurac americ p. 68

Aydendron Hostmannianum Nees Linnaea XXI p. 499.
 Upper Gonini River: VERSTEEG 246 (fl Sept.)
 Surinam HOSTMANN 1117, HOSTMANN and KAPPLER 1031 ex Mez l c.

LAURUS Linn.

Laurus nobilis Linn Spec. plant 369

Surinam ex Miq Linnaea XVIII. p 246
Cultivated.

ENDLICHERIA Nees.

Endlicheria multiflora (Miq.) Mez Laur. americ. p 130.

Goppertia multiflora Miq Stirp. Surin Select. p. 203

Surinam: HOSTMANN 1163

British Guyana.

HERNANDIACEAE

HERNANDIA Linn.

Hernandia guyanensis Aubl. Pl. Guyan. II. 848 t 329

Saramacca River, near plant. Hamburg: SPLITGERBER 850 H. L. B.
905, 205—26.

Amazon district, French Guyana

PAPAVERACEAE.

ARGEMONE Linn

Argemone mexicana Linn Spec. pl 727

Surinam: HOSTMANN 525

Tropical America

CRUCIFERAE.

NASTURTIUM R. Br.

Nasturtium palustre D C. Syst II. 191.

Surinam WULLSCHLÄGEL ex Eichler Flora Bras. XIII. 1. p. 299.
Cosmopolitan.

LEPIDIUM Linn.

Lepidium micropterum Miq. Stirp Surin. Select. p. 106 t. 32.

Paramaribo: FOCKE 900 (fl. April)

CAPPARIDACEAE.

CLEOME Linn.

Cleome spinosa Linn Spec. 939.

Surinam: without collector's name H. L. B. 899, 54—128

All tropical America

Cleome latifolia Vahl ined ex D. C. Prodr. I. 239.

Surinam HOSTMANN 118, named *Cleome Hostmanni* Mig. Linnaea

XXII. p. 470; HOSTMANN H. L. B. 903, 322—79

Amazon district, Guyana

Cleome Houstoni R. Br. in Ait Hort. Kew II. (ed. 4) 131

Surinam. DUMORTIER in Hb. Rheno-Traject.

West-Indian Islands

Cleome psoraleaefolia D C Prodr I p 239.

Litane River: VERSTEEG 435 (fl. Dec.)

Paramaribo. WENT 321 (fl. Aug.)

Upper Saramacca River PULLE 144 (fl. Jan.)

All tropical South-America.

Cleome aculeata Linn. Syst. Nat. III 232

Paramaribo SPLITGERBER 271 H. L. B. 899, 54—12 and 14 (fl Dec.);

TULLEKEN 51 H. L. B. 903, 322—1300.

Surinam. FOCKE 555, named *Cleome surinamensis* Mig. Linnaea

XVIII. p. 239

Tropical South-America

PEDICELLARIA Schrank.

Pedicellaria pentaphylla (L.) Schrank in Röm et Usteri, Mag. Bot
III St. VIII. 10.

Cleome pentaphylla Linn. Spec 938.

Paramaribo: FOCKE 754 (fl Dec.)

Upper Surinam River. FOCKE 232 (fl. Sept.)

Vernacular name: "Akaja" (Focke).

Tropical Asia, Africa and America

CRATAEVA Linn.

Crataeva Tapia Linn Spec. plant. 637.

Commewyne River, near Plant Marienburg: WENT 273 (fl. Aug.)
Surinam: HOSTMANN in Hb. Rheno-Traject
Tropical America.

Crataeva gynandra Linn Spec. plant. 636.

Cottica district, near plant, Kortevreugd FOCKE 565 (fl. Sept.) named
by Miquel Linnaea XVIII p 565 *Crataeva acuminata* D. C

Crataeva radiatiflora D. C Prodr I. p. 243.

Surinam HOSTMANN 961 ex Eichl Flora Bras. XIII 1 p. 265.
Guyana, Columbia

MORINGACEAE.

MORINGA Juss.

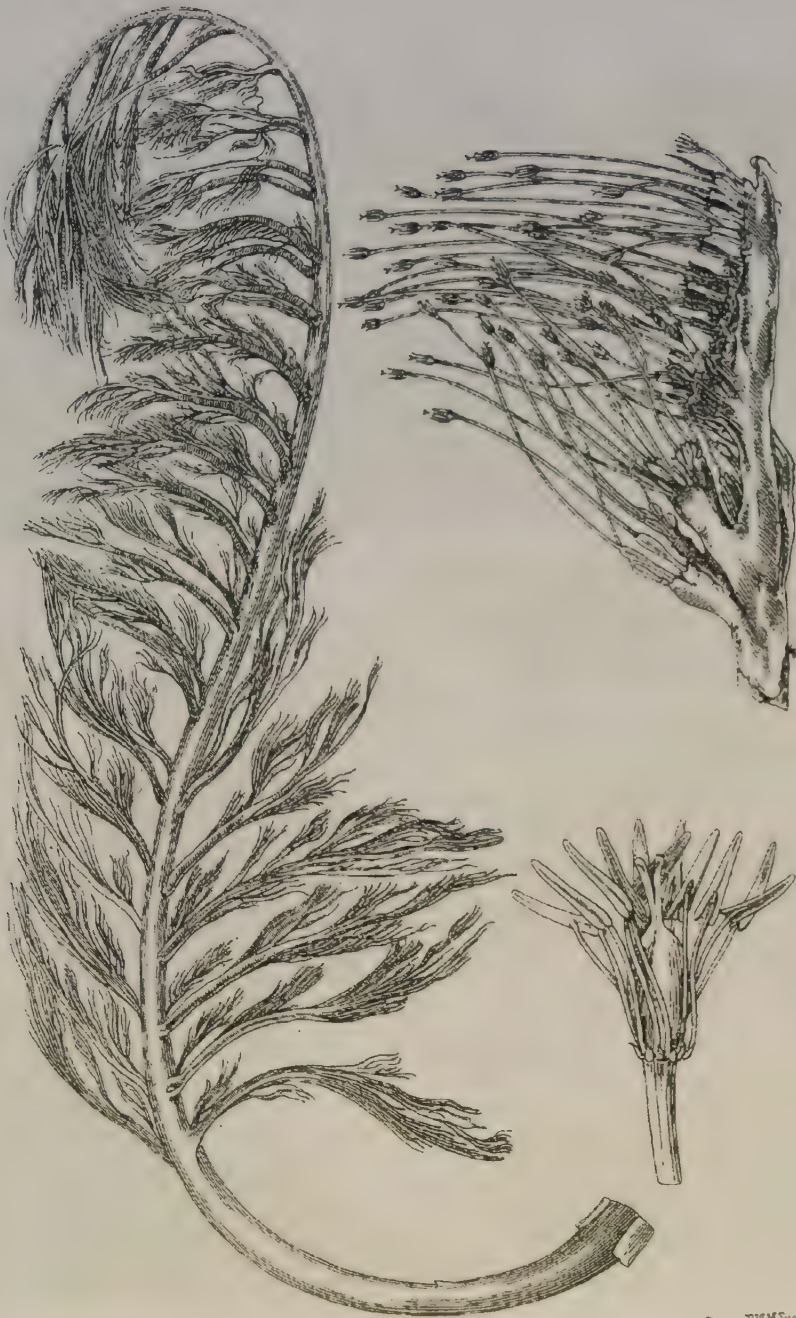
Moringa oleifera Lam Enc I 398

Paramaribo. SPLITGERBER 578 H. L. B. 905, 205—12 (fl Febr); FOCKE

854 (fl. Nov) named *Moringa pterygosperma* Gartin.

Vernacular name "Peperwortelboom" (Focke)

Cultivated in all tropical countries.



S. G. Schimper del.

Lith. firma Z. W. M. T. cop.

Cenone guyanensis Pulle.



OENONE GUYANENSIS PULLE.
Grandfoetoe falls, Tapanahoni River.

PODOSTEMACEAE.

OENONE Tul

Oenone guyanensis Pulle nova spec

Caules crassiusculi, repetito-dichotomi, ramis ultimis latis, planiusculis. Folia, rachi valida e basi crassiore sensim attenuata instructa, in lacinias longas filiformes vel fere capillaceas pinnatim divisa, evaginata Stipulae latae, obtusae, ad rachidem connatae. Flores longe pedicellati, androeceo completo. Stamina 10—13 cum squamulis perigonalibus acutis 10—13 indistincte alternantia Involucrum breve, irregulariter 5-dentatum Ovarium ellipsoideum, laevum, stigmatibus basi connatis, teretibus, apice obtusis. Fructus maturus 1gotus.

Species permagna, caulis ad 2 cM crassus, laevis. Folia usque ad 70 cM longa, pars basalis haud ramosa 9 cM longa, ad basin 13 mM crassa »Foliola'' opposita vel alternantia utrinque 15, 8 cM. longa, foliolum rachidem terminans 15 cM. longum. Involucrum 5—15 mM longum, Pedicelli 1—9 cM longi Squamulae perigonales vix $\frac{1}{2}$ mM. longae Stamina 4 m longa, ovarium 3 mM longum, stigmata $\frac{1}{2}$ circiter partem ovarii metientia, persistentia

Species *Oenone Glaziovii* Warm. affinis.

Pl VI and VII.

Upper Tapanahoni River (Grandfoetoe-falls). VERSTEEG 808 (fl Aug.)
Vernacular name: „Thoeri”.

Oenone longifolia Tul. Ann Scienc nat. ser. III. 11 p. 96.

Marowyne River KAPPLER ed Hohenacker 2072; Arminafalls. WENT 457 (fl Sept.-Octob.)

Upper Tapanahoni River (Grandfoetoe-falls): VERSTEEG 809 (fl Aug.)
British Guyana.

Oenone Richardiana (Tul) Warm Naturl. Pflanzenfam. III 2a. p 18.

Ligea Richardiana Tul Ann. Scienc nat Ser. III 11 p. 96, Monogr.

Podost p. 89 T VI.

Upper Tapanahoni River VERSTEEG (fl. Aug.)
Guyana.

APINAGIA Tul.**Apinagia secundiflora (Tul.) Pulle***Ligea secundiflora Tul* Ann. Scienc nat. ser. III. 11 p 97

Surinam. HOSTMANN 1323.

LOPHOGYNE Tul.**Lophogyne capillacea Pulle nova spec.**

Frondes crassi majuculi. Folia lata profundissime pinnatim incisa, laciniis minutis, capillaceis. Flores fasciculati, longe pedicellati, e fundo foveolae obliquae frondis assurgentes. Involucrum ore bi-trilobo, lobis dentatis. Androeceum incompletum, staminibus 4, cum squamulis perigonialibus lanceolatis acutis 5 alternantibus. Antherae longae, non contortae. Ovarium ellipsoideum, nervis 6 valde prominentibus. Stigmata oblonga, obtusa, integra, libera Capsula ovario conformis

Frons 1 cM. crassus Folia 11 cM longa, 9 cM lata. Flores 16—20 in fasciculos Pedicelli 5 cM. longi. involucrum $\frac{1}{2}$ circiter partem pedicellorum metiens Ovarium 4 mM longum Stigmata 1 mM longa, $\frac{3}{4}$ mM. lata Stamina 3 mM antherae 1.5—2 mM longae Squamulae perigoniales vix 1 mM longae

Pl. VIII.

Upper Tapanahoni River (Kortoefoetoe-falls): VERSTEEG 814 (fl. Aug.).

MOURERA Aubl.**Mourera fluviatilis Aubl** Plant. Guyan. I. 582 t 233.

Marowyne River (Arminafalls) WENT 462 (fr. Octob.).

Lawa River. VERSTEEG 46 (fl. Aug.).

Gonini River. VERSTEEG 150 (fl. Aug.).

Marowyne River, near Poeloegoedoe VERSTEEG 610 (fl. July).

Tapanahoni River. VERSTEEG 749 (fl. Aug.).

Upper Coppename River BOON 1030, 1079, 1141 (fl. Aug.—Sept.), 1240 (fl. Octob.).

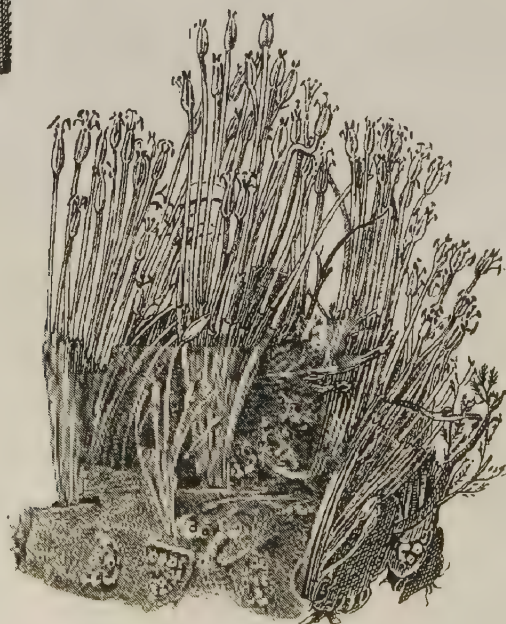
Nickerie River TULLEKEN 438 H. L. B. 903, 322—1570 (fl. Sept.).

Surinam. HOSTMANN 1248.

Vernacular name. »Koemaroe Njamnjam».

Guyana.

Pl. IX.



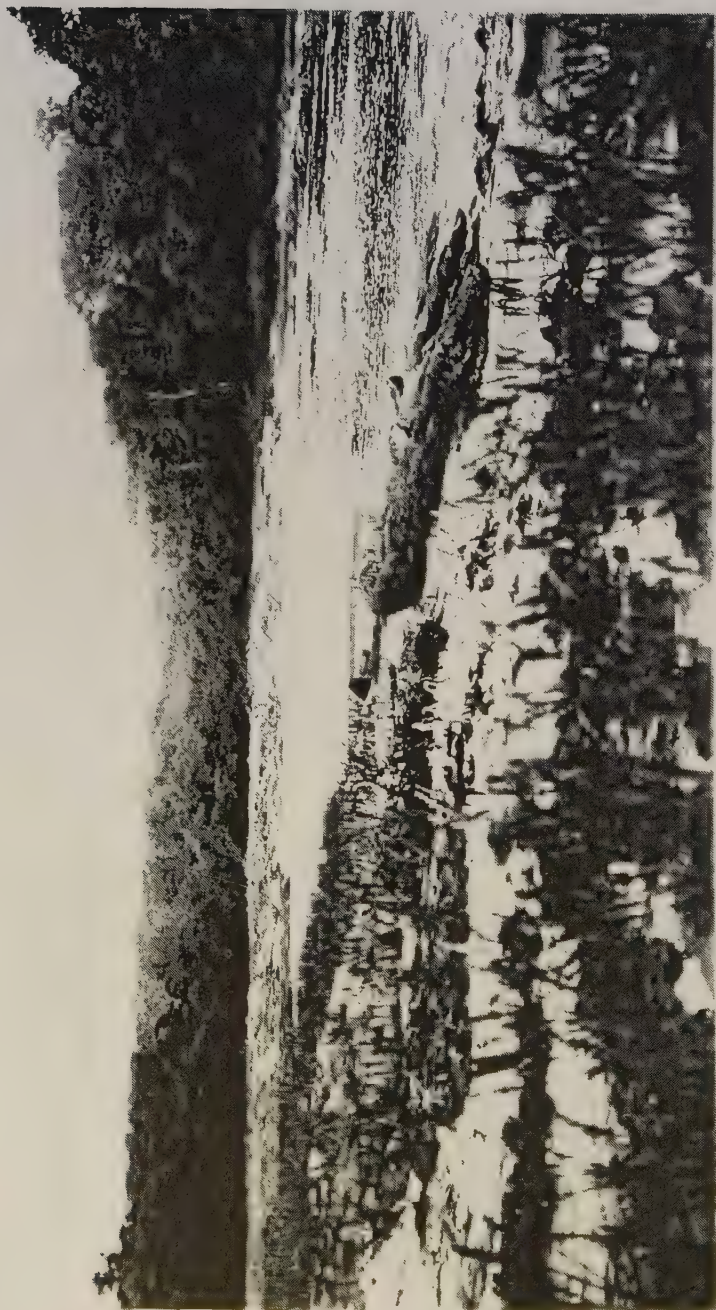


PHOTO: VERSTEG.

MOURERA FLUVIATILIS AUBL.
Maboga rapids, Tapanahoni River.

CRASSULACEAE.

BRYOPHYLLUM Salisb.

Bryophyllum calycinum Salisb. Parad. t 3.

Paramaribo · WENT 564 (fl, Dec.).

Surinam. HOSTMANN 570, HOSTMANN H L B 903, 322—255.

Vernacular name . „Wonderblad.”

All tropical countries.

ROSACEAE.

CHRYSOBALANUS Linn.

Chrysobalanus icaco Linn Spec. 513

Surinam WEIGELT H L B 905, 205—17.

var. β **pellocarpa** (G. W F. Meyer) Hook. Flora Bras XIV. 2 p 7

Chrysobalanus pellocarpus Mey Prim. Fl Esseq. 193.

Marowyne River KAPPLER ed Hohenacker 1913 (fl Aug).

Paramaribo SPLITGERBER 210 H. L. B. 905, 205—15 (fl Dec), KEGEL
470 (fl. Aug)

Para district, near plant Onverwacht FOCKE 974 (fl Sept.).

Surinam · HOSTMANN H L. B. 903, 322—338

Tropical South-America, Western Africa.

LICANIA Aubl.

Licania macrophylla Bth. in Hook Kew. Journ. of Bot. II. 240.

Marowyne River. WULLSCHAGEL.

Northern Brazil, French Guyana.

Licania Hostmanni Fritsch in Ann. Wien. Hofmus. IV. p 42.

Surinam HOSTMANN and KAPPLER 1250.

Licania heteromorpha Bth. in Hook. Journ. of Bot. II. p. 221

Upper Nickerie River: TULLEKEN 483 H L. B. 903, 322—1239
(fl Sept.)

Surinam · HOSTMANN 1038 and 1184

Northern Brazil, Guyana.

Licania leptostachya Bth. in Hook. Journ. of Bot II. 220.

var. **axilliflora** Sagot. Ann. Scienc. nat. ser. 4. T. XV. p 305

Surinam. HOSTMANN and KAPPLER 787

Guyana.

Licania incana Aubl. Plant. Guyan. I. 119. tab. 45.

Upper Nickerie River: TULLEKEN 519 H. L. B. 903, 322—1002 (fl. Sept.)

Guyana, South-Eastern Brazil.

Licania crassifolia Bth. in Hook. Journ. of Bot. II. 221

Paradistrict: KAPPLER ed. Hohenacker 794 (fl. May) and 1712

Surinam River, near Joden Savanne. FOCKE 1281 (fl. May), SPLITGERBER

873 H. L. B. 905, 205—2, 3 and 6. (fl. May); KEGEL 1154 (fl. Nov.)

Saramacca River, near Maripaston. KEGEL 271 fl. May.)

Northern Brazil, British Guyana.

Licania coriacea Bth. in Hook. Journ. of Bot. II. 221.

Marowynne River. KAPPLER ed. Hohenacker 1968.

Guyana

Licania micrantha Miq. Stirp. Surin. Select p. 29.

Surinam. HOSTMANN 1257.

Amazon district

Licania apetala (E. Mey.) Fritsch. Ann. Wien. Hofmus. IV. p. 54*Hirtella apetala* E. Meyer Nova Acta Acad. Leopold. Carol. XII. 803Marowynne River. KAPPLER 2117 (fl. Dec.) named *Licania floribunda* Bth.

Lawa River. VERSTEEG 422 (fl. Dec.)

Upper Litane River. VERSTEEG 389 (fl. Dec.)

Lower Commewynne district, near plant Maasstroom. FOCKE 1368
(fl. Octob.)

Surinam. HOSTMANN 363, HOSTMANN coll. 1824 without number in

Hb. Gotting. KAPPLER H. L. B. 903, 322—489.

Northern Brazil, British Guyana.

Licania Turiuva Cham. et Schlecht. Linn. II. 550

Surinam: HOSTMANN without number in Hb. Rheno-Traj.

Northern Brazil, British Guyana, Venezuela.

HIRTELLA Linn.**Hirtella hirsuta** Lam. Illustr. II. 114.

Gonini River: VERSTEEG 101 (fl. Aug.)

Paramaribo. FOCKE 643, KEGEL 456, KEGEL 303.

Surinam River, near Joden Savanne: KEGEL 250 (fl. Nov.)

Saramacca River: PULLE 168 (fl. Jan.)

Coppename River: BOON 1101 (fl. Sept.)

Upper Nickerie River. TULLEKEN 363 H. L. B. 903, 322—1106 (fl. Sept.)

Surinam: SPLITGERBER 605 H. L. B. 905, 205—12; FOCKE H. L. B. 905,
205—9, HOSTMANN 601, HOSTMANN H. L. B. 903, 322—340

Tropical America.

Hirtella americana Aubl. Plant. Guyan. I. 247 t. 98

Marowynne River. KAPPLER ed. Hohenacker 2140a (fl. Sept.)

Gonini River: VERSTEEG 71 (fl. Aug.)

Surinam River, near Bergendal. FOCKE 1151 and 1228 (fl. Octob.)

Saramacca River: SPLITGERBER 915 H. L. B. 905, 205—10 (fl. May.)

Saramacca River, near Maripaston. KEGEL 1346 (fl. May.)

Coppename River BOON 1036 (fl. Aug.)

Surinam: KAPPLER H. L. B. 903, 322—287, HOSTMANN 860 named *Hirtella violacea* Steud. Flora 1843 p. 761.

All tropical South-America

Hirtella hispidula Miq. Stirp. Surin. Select. p. 27.

Upper Coppename River BOON 1227 (fl. Octob.)

Surinam: FOCKE without number

Hirtella strigulosa Steud. in Flora 1843 p. 761

Surinam: HOSTMANN 8516

COUEPIA Aubl.

Couepia glandulosa Miq. Stirp. Surin. Select. p. 28.

Couepia Hostmanniana Klotzsch Mss. in Hb. Berol.

Gonini River VERSTEEG 172 (fl. Aug.)

Upper Tapanahoni River VERSTEEG 751 (fl. Aug.)

Surinam: KAPPLER H. L. B. 903, 322—460, HOSTMANN 859, DUMORTIER without number.

Vernacular name: "Kweebie" (Versteeg.)

British Guyana.

Couepia cognata (Steud.) Fritsch Ann. Wien. Hofmus. IV. p. 60

Hirtella cognata Steud. Flora 1843 p. 761.

Surinam River, near Joden Savanne FOCKE 455; KEGEL 1155 (fl. Nov.)

Surinam. HOSTMANN and KAPPLER ed. Hohenacker 795; NOLTE in Herb. Gotting. named *Cryptosiphon Nolteanus* Bartl. Mss

PARINARIUM Juss

Parinarium excelsum Sabine Trans. Hort. Soc. V. (1824). p. 451.

Surinam. DUMORTIER without number

Vernacular name: "Rosenkware".

Western Africa.

Parinarium campestre Aubl. Plant. Guyan. 517 t. 206.

Marowynne River. KAPPLER ed. Hohenacker 1824 (fl. July)

Saramacca River, near Vier Hendrikken: KEGEL 1500, near Poica-kreek KEGEL without number (fl. Aug.)

Vernacular name: "Buirata" (Kappler)

CONNARACEAE.

CONNARUS Linn.

Connarus Patrisii Planch. Linnaea XXIII. p. 432.

Surinam · HOSTMANN 1146.

Amazon district, Guyana

Connarus suberosus Planch Linnaea XXIII. p. 433

Upper Coppename River · BOON 1109 (fl. Sept.)

Southern- and Central-Brazil.

Connarus Perrottetii Planch Linnaea XXIII p. 432.

Surinam: HOSTMANN 1052, named by Planchon l. c. *Connarus floribundus*
Planch.

French Guyana.

ROUREA Aubl

Rourea surinamensis Miq Linnaea XXVI. p. 221.

Marowyne River: KAPPLER ed. Hohenack. 1969 (fl. Sept.)

Gonini River: VERSTEEG 149 (fl. Aug)

Commewyne River · KAPPLER without number.

Surinam. FOCKE 1240 and 1243

LEGUMINOSAE-MIMOSOIDEAE

INGA Willd.

Inga sciadion Steud Flora 1843 p. 758

Sornau-kreek. KEGEL 243 (fl. Nov.)

Lower Coppename River WENT 131 (fl. Aug.)

Surinam HOSTMANN 170; HOSTMANN and KAPPLER 448.

French Guyana.

Inga umbellifera (Vahl) Steud. ex D. C. Prodr. II. 432.

Mimosa umbellifera Vahl. Ecl. III. 30.

Surinam KAPPLER H. L. B. 903, 322—457.

Northern Brazil, Guyana

Inga lateriflora Miq. Linnaea XIX 131.

Surinam River, near Joden Savanne: KAPPLER ed. Hohenacker 1691
(fl. Octob.)

Surinam NOLTE in Hb. Götting.

Northern Brazil

Inga heterophylla Willd. Spec. IV. 1020.

Para district near Onoribo FOCKE 864 (fl. March).

Surinam. NOLTE in Hb. Götting., HOSTMANN and KAPPLER ed. Hohenacker 1194 named *Inga protracta* Steud in Flora 1843 p. 758.

Tropical South-America

Inga sertulifera D. C. Prodr. II 436

Upper Tapanahoni River, near Drie Tabbetje. VERSTEEG 685 (fl. July).

Upper Nickerie River TULLEKEN 419 H. L. B. 903, 322—1573

Surinam. HOSTMANN 237; HOSTMANN H. L. B. 903, 322—123.

Northern Brazil, Guyana.

Inga Burgoni (Aubl.) D. C. Prodr. II. 434.

Mimosa Burgoni Aubl. Plant. Guyan. II. 941 t. 358.

Para district: SPLITGERBER 997 H. L. B. 904, 289—93 (fl. May).

Saramacca River: SPLITGERBER 830 H. L. B. 904, 289—94 (fl. April).

Surinam · HOSTMANN 77; HOSTMANN 976 in Hb. Kew, KAPPLER ed.
Hohenacker 1690 named *Inga assimilis* Miq. Linnaea XIX p. 130.
Guyana

***Inga stipularis* D C Mém. Lég 440**

Surinam River, near Beekhuizen KEGEL 847 (fl. March)
Para district, near Berlin · SPLITGERBER 744 H L B 904, 289—96.
(fl. March.)
Surinam · HOSTMANN and KAPPLER 661.
Northern Brazil, French Guyana.

***Inga strigillosa* Spruce ex Benth. in Flora Bras XV 2 p. 477.**

Paramaribo Dr VOLTZ without number.
Northern Brazil.

***Inga nobilis* Willd. Enum. Hort. Berol. 1047**

Gonini River VERSTEEG 88 (fl. Aug.)
Saramacca River, near Maripaston · KEGEL 1367 (fl. May.)
Saramacca River · PULLE 80 (fl. Nov.)
Coppename River · BOON 1128 (fl. Sept.)
Nickerie River: TULLEKEN 401 H. L. B 903, 322—1509 (fl. Sept.)
Surinam. HOSTMANN 903, 322—22; KAPPLER H. L. B. 903, 322—455,
HOSTMANN 817, 830, 971; KAPPLER ed Hohenacker 1692, named
Inga sericantha Miq. Linnaea XIX p 132, NOLLE in Herb Gott
Vernacular name »Swietie Boonkie" (Sweet Bean).
Tropical South-America.

***Inga acrocephala* Steud in Flora 1843 p 759**

Surinam: HOSTMANN 1067.

***Inga thiboudiana* D. C. Prod. II. 434**

Para district, near Onoribo · SPLITGERBER 757 H. L. B. 904, 289—97
named *Inga acuminata* Splitg. Mss.
Surinam. HOSTMANN 807.
Tropical South-America

***Inga splendens* Willd. Spec. IV. 1071**

Saramacca River, near Maripaston KEGEL 1361 (fl. May.)
Surinam · HOSTMANN 676, 708.
Northern Brazil, British Guyana, Venezuela.

***Inga setifera* D. C. Prodr II. 432.**

Upper Tapanahoni River, near Mount Teeboe: VERSTEEG 750 (fl. Aug.)
Surinam: HOSTMANN 1157 named *Inga affinis* Steud. (non D. C.) in
Flora 1843 p. 758
Northern Brazil, Guyana, Trinidad.

Inga commewynensis Miq. Stimp. Surin. Select p. 1.

Lower Commewyne River: FOCKE 392 (fl. Sept.)

Bentham, who has not seen this species, gives this name as a synonym of *Inga vera* Willd. The original specimen in the Utrecht Herbarium shows important differences with *Inga vera*, for instance by its much longer, striate and quite glabrous calyx.

Inga insignis Kunth Mim. 43 t. 13.

Upper Coppename River: BOON 1042 and 1049 (fl. Aug.)

Northern Brazil, Ecuador

Inga Meissneriana Miq. Stimp. Surin. Select. p. 2.

Surinam River: FOCKE 1143.

French Guyana

Inga scabriuscula Benth. in Hook. Lond. Journ. of Bot. IV. 606

Paramaribo, near Tourtonne. KEGEL 1206 (fl. Aug.) named *Inga Benthamiana* Meisn. Linnaea XXI. p. 253

Surinam: HOSTMANN 858 and 887

Northern Brazil, Guyana, Columbia.

Inga ingoides Willd. Spec. IV. p. 1012

Gonini River: VERSTEEG 61 (fl. Aug.)

Paramaribo: KEGEL 290 (fl. Aug.); FOCKE 392 (fl. Sept.)

Commewyne River: FOCKE 849

Nickerie River: TULLEKEN 536 H. L. B. 903, 322—945 (fl. Octob.)

Surinam: HOSTMANN 78, 685, 887, HOSTMANN H. L. B. 903, 322—220;

SPLITGERBER 337 H. L. B. 904, 289—91 and 92 named *Inga Merianae Splitg.* Tijdschr. Nat. Geschied. IX. p. 113.

Vernacular name: 'Swietie Boonkie'.

Guyana, West-Indies, Columbia

PITHECOLOBIUM Mart.**Pithecolobium dulce** Bth. in Hook. Lond. Journ. III. 199

Lower Commewyne River, plant. Marienburg: WENT 276 (fl. Aug.) and 575 (fl. Febr.)

Cultivated

Central America, introduced into East-India

Pithecolobium laetum (Pöpp. et Endl.) Bth. in Hook. Lond. Journ. III. 203.

Inga laeta Pöpp. et Endl. Nov. Gen. et Spec. III. 80.

Surinam: FOCKE 966 distributed by Miquel under the name of *Inga capitata* Desv.

French Guyana, Northern Brazil, Eastern Peru.

Pithecolobium trapezifolium (Vahl.) Bth. in Hook. Journ. of Botan.

II. 142.

Mimosa trapezifolia Vahl. Ecl. III. 36 t. 28

Paramaribo. FOCKE 812 (fl. Aug), SPLITGERBER 178 H L B. 905, 205—69 (fl. Nov.)

Surinam River, near Beekhuizen: KEGEL 706 (fl. July).

Surinam: HOSTMANN and KAPPLER ed. Hohenacker 479, named *Mimosa atakta Steud* in Flora 1843 p 758; HOSTMANN 479, HOSTMANN H L. B. 903, 322—82.

Northern Brazil, Guyana Trinidad, Columbia

Pithecolobium Saman (Jacq.) Bth in Hook. Lond Journ. III 216

Lower Commewyne River, plant. Marienburg WENT 271.

Cultivated.

Tropical America

Pithecolobium adiantifolium (H. B. K.) Bth in Hook. Lond Journ III. 218

Inga adiantifolia H. B. K Mim. 66 t 21

Para district: SPLITGERBER 968 H. L B 905, 205—77, SPLITGERBER 761 H L B 904, 289—95 named *Inga riparia Splitg* Mss. (fl. March).

Surinam River, near Joden Savanne KEGEL 1162 (fl. Nov) named *Pithecolobium Miquelianum* Meissn. Linnaea XXI. p. 250

Surinam. HOSTMANN 1277.

Northern Brazil, Guyana, Venezuela.

Pithecolobium Kegelii Meissn. Linnaea XXI. p 249.

Surinam River, near Station Victoria KAPPLER 1381 named *Pithecolobium stipellatum Bernh* in Kappl plant. surin exsicc

Surinam River, near Cassepoera-creek KEGEL 1173 (fl. Nov.)

Pithecolobium multiflorum (H. B. K) Bth. in Hook. Lond. Journ. III. 220.

Acacia multiflora H. B K Nov. Gen. et. Spec VI 277

Lower Surinam River, near Plant Geyersvlyt. KEGEL 1022 (fl. Sept)

Surinam River, near Joden Savanne SPLITGERBER 917 H. L B. 905, 205—71 named *Acacia subdumdiata Splitg*. Tijdschr. nat Geschied. en Phys. IX. p 119.

Surinam HOSTMANN 1245 · HOSTMANN H L. B. 903, 322—352.

Central America, Tropical South-America.

Pithecolobium glomeratum (D. C) Bth. Hook. Lond Journ. III. 213.

Inga glomerata D. C Prodr II. 438.

Surinam River, near Bergendal. FOCKE 1300 (fl. May.)

Saramacca River, near plant Hamburg. SPLITGERBER 831 H L B 905, 205—72 and 75 (fl. Apr)

Surinam SPLITGERBER 552 H. L B. 905, 205—73 (fl Febr.); HOSTMANN 149

Northern Brazil, Guyana, Venezuela

Pithecolobium latifolium (Linn) Benth in Hook. Lond. Journ III 214
and in Flora Bras. XV 2 p 449 t 119.

Mimosa latifolia Linn. Spec pl. 1499.

Surinam ex Benth. Revision Mim p 595.

Northern Brazil, British Guyana, West-Indies.

Pithecolobium cauliflorum (Willd) Mart. Herb Fl Bras. 116

Inga cauliflora Willd Spec IV. 1021

Surinam River. SPLITGERBER 553 H L. B 905, 205—76 (fl. Jan.)

Saramacca River, near Poica-kreek. KEGEL 266 (fl. May)

Upper Coppename River. BOON 1135 (fl. Sept.)

Surinam. HOSTMANN and KAPPLER ed Hohenacker 1173 named *Inga ramiflora* Steud Flora 1843 p 759; HOSTMANN 174, 261; KAPPLER

H. L. B 903, 322—458

Brazil, Guyana.

Pithecolobium corymbosum (Rich) Bth Hook. Lond. Journ. III 221

Mimosa corymbosa Rich Act Soc Hist Nat. Par. 1792 p. 113.

Tapanahoni River. VERSTEEG 646 and 719 (fl July-Aug)

Surinam. HOSTMANN and KAPPLER ed Hohenacker 262 named *Inga trapeziformis* Steud in Flora 1843 p 759, HOSTMANN 214, 1190

Northern Brazil, Guyana

Pithecolobium parvifolium (Sw) Bth Hook Lond Journ. III 223

Mimosa parvifolia Sw Fl Ind. Occ. II. 984

Surinam. HOSTMANN H. L. B 903, 322—236.

Amazon district, Guyana, Columbia, West-Indies

ALBIZZIA Durazz.

Albizzia Lebbek (L.) Bth in Hook Lond. Journ III 87

Mimosa Lebbek Linn. Spec. plant. 1503

Surinam. HOSTMANN 459 named *Pithecolobium Splitgerberianum* Miq.

Stirp. Surin. Select. p. 5

Cultivated.

Tropical and temperate Asia and Africa.

CALLIANDRA Bth.

Calliandra tergemina (L.) Bth Hook. Lond Journ. III. 96.

Mimosa tergemina L. Spec. pl. 1499.

Gonini River: VERSTEEG 240 (fl Sept.)

Upper Coppename River. BOON 1117 (fl. Sept.)

Upper Nickerie River. TULLEKEN 345 H. L. B 903, 322—1052 and

TULLEKEN 369 H L B 903, 322—1110 (fl. Sept.)

West-Indies, Venezuela

Calliandra surinamensis Bth. in Hook. Lond. Journ. III. 105.

Surinam. VERSTEEG without number, HOSTMANN 171, named *Inga pubiramea* Steud. Flora 1843 p. 759; KAPPLER H. L. B. 903, 322—456 Brazil, Guyana, Columbia.

Calliandra calothyrsus Meissn Linnaea XXI. p. 251.

Saramacca River, near Maripaston-kreek · KEGEL 1465 (fl. May.)

ACACIA Willd

Acacia Farnesiana Willd. Spec IV 1083.

Paramaribo : KEGEL 177 (fl. July.)

Surinam · HOSTMANN 353.

All tropical countries

Acacia paniculata Willd Spec IV 1074.

Lawa River, near Cottica Mountains · VERSTEEG 282 (fl. Octob)

Upper Tapanahoni River, near Inteliwa : VERSTEEG 854 (fl. Aug.)

Vernacular name. „Leguana-tere”.

All tropical America.

LEUCAENA Bth.

Leucaena glauca (L.) Bth. Flora Bras. XV. 2 p. 392

Mimosa glauca Linn Spec. 1504

Paramaribo FOCKE 295 (April), SPLITGERBER 73 H. L. B. 904, 289—98, 99 and 100 (Nov); KEGEL 68 (July); TULLEKEN 36 H. L. B. 903, 322—1291 (July), BOON 1003 (July).

Surinam HOSTMANN H. L. B 903, 322—151; HOSTMANN and KAPPLER 1356.

All tropical countries.

MIMOSA Linn.

Mimosa debilis H. B. K. in Willd Spec IV. p. 1029.

Surinam HOSTMANN 1205 and 1233 named *Mimosa notata* Steud. in Flora 1843 p 758 and *Mimosa Hostmanni* Bth in Hook. Lond. Journ. V. 84.

Upper Surinam River, near Bergendal : FOCKE; SPLITGERBER 950 H L B. 905, 205—96 (fl. May.)

Northern Brazil, Columbia.

Mimosa pudica Linn. Spec. plant. 1501.

Paramaribo Dr. VOLTZ, SPLITGERBER 186 H. L. B. 905, 205—80 and 89; TULLEKEN 114 H. L. B. 903, 322—1468; near Poelephantje · KEGEL 945.

Para River, near Post Republiek · TULLEKEN 257 H L. B 903, 322—1450.

Saramacca River, near plant. Vier Hendrikken · WENT 222.
 Surinam. HOSTMANN 627; HOSTMANN H L B. 903, 322—235.
 Vernacular name: "Sien Sien"
 Tropical America, Asia and Africa.

Mimosa polydactyla H B K in Willd. Spec IV. 1033

Marowynne River, near Poeloegoedoe: VERSTEEG 580 (fl. July), near
 Post Belair SPLITGERBER 1119 H L B 905, 205—92 (fl. April)
 Upper Cottica River, near Post Oranjewoud: FOCKE 675 (fl. Octob.);
 FOCKE 112 H. L. B. 905, 205—91.
 Tropical Brazil, Guyana, Columbia.

Mimosa myriadena Benth in Flora Bras. XV 2. p. 344

Saramacca River, near plant Hamburg · SPLITGERBER 847 H L B.
 905, 205—93, named *Mimosa sarmentosa* Splitg Mss
 Surinam: HOSTMANN 152 named *Acacia paniculaeflora* Steud. in Flora
 1843 p. 760.
 Amazon district, Guyana

Mimosa paniculata Bth. in Hook Journ. of Bot. II. 131.

Surinam: KAPPLER H L. B 903, 322—454.
 British Guyana

Mimosa camporum Bth. in Hook. Journ. Bot. II. 130

Surinam River, Joden Savanne. SPLITGERBER 862 H. L B 905,
 205—95 (fl. Apr) named *Mimosa flavescens* Splitg. in Tijdschr,
 Nat Gesch. en Phys. IX. p 110
 Surinam River, near Bergendal. FOCKE 342 (fl. Aug.).
 Surinam. HOSTMANN 813
 Northern Brazil, British Guyana, Central Brazil.

Mimosa invisa Mart. Herb Florae Bras 121.

Upper Surinam River, near Blauwe Berg · SPLITGERBER 938 H L B.
 905, 205—94 (fl. May.)
 Tropical America.

Mimosa asperata Linn. Spec 1507.

Lower Marowynne River, near Albina: WENT 469 (fl. Octob.), VERSTEEG
 9 (fl. July)
 Tropical America, tropical and sub-tropical Africa.

Mimosa adversa Bth. in Flora Bras. XV. 2 p. 384.

Upper Tapanahoni River, near Mount Teeboe: VERSTEEG 796 (fl Aug.)
 Central Brazil.

DESMANTHUS Willd.

Desmanthus virgatus Willd Spec. IV 1047.

Paramaribo. FOCKE 1271 (fl. July)

Tropical and sub-tropical America, tropical Asia.

NEPTUNIA Lour.

Neptunia plena (L.) Bth. Hook Journ Bot IV. 355.

Lower Marowyne River, near Albina. TULLEKEN 597 H. L. B. 903, 322—1211 (fl. Nov.)

Paramaribo, near plant. Rust en Werk. SPLITGERBER 568 H. L. B. 905, 205—83, KEGEL 176 (fl. July), FOCKE 632 (fl. Sept.)

Near plant. Breukelen: FOCKE 584 (fl. Sept.)

Surinam HOSTMANN and KAPPLER 587 named *Neptunia surinamensis* Steud Flora 1843 p. 759

Tropical and sub-tropical South-America, Central America.

ADENANTHERA L

Adenantha pavonina Linn. Spec. plant. 550.

Paramaribo FOCKE, cultivated in gardens; SPLITGERBER 562 H. L. B. 904, 289—1 (Febr.)

Tropical Asia

PIPTADENIA Bth

Piptadenia polystachya Miq. Linnaea XVIII 590.

Surinam River, near Bergendal FOCKE (fl. Sept.)

Piptadenia suaveolens Miq Linnaea XVIII 589.

Surinam River, near Bergendal. FOCKE 936 (fl. Sept.)

Vernacular name "Koesa"

Piptadenia communis Benth in Hook Journ. Bot. IV. 337.

Marowyne River near Albina. VERSTEEG 573 (fl. July).

Upper Saramacca River PULLE 479 (fl. March).

Surinam: DUMORTIER without number

Vernacular name "Tan pikien so" (Wait a moment)

Central Brazil.

ENTADA Adans

Entada polystachya D C Mem Leg. 434 t 61, 62.

Paramaribo. SPLITGERBER 89 H. L. B. 904, 289—85.

Para district near plant Ma Retraite KEGEL 355 (fl. July).

Lower Commewyne River. FOCKE 391; near plant Marienburg: WENT 268.

Surinam: HOSTMANN 447.

Northern and Eastern Brazil, Guyana, West-Indies

PARKIA R Br.

Parkia pendula Benth. in Walp Rep. V 577

Upper Coppename River. BOON 1232 and 1233 (fl and fr. Octob.)
Amazon district.

Parkia nitida Miq Sturp Surin. Select. 7.

Surinam River KAPPLER 1012 ed. Hohenack. (fl April)

Surinam: HOSTMANN 1012

PENTHACLETHRA Bth.

Penthaclethra filamentosa Bth. Hook. Journ. Bot. II 127.

Surinam River, near Cassepoerakroek · KEGEL 1181 (fl Nov)

Lower Coppename River WENT 115 (fl. Aug)

Surinam. HOSTMANN 1033

Northern Brazil, British Guyana, Nicaragua, Trinidad

LEGUMINOSAE-CAESALPINOIDEAE.

DIMORPHANDRA Schott

Dimorphandra latifolia Tulasne Arch. du Mus. Hist. Nat. Par. IV.
p. 189.

Marowyne River · KAPPLER ed. Hohenacker 1802 (fl. Aug.)
Surinam. HOSTMANN 1007.

Dimorphandra excelsa (Schomb.) Baill Hist des Pl. II. 167.

Mora excelsa Schomb. the »Mora" or »Peto" is said to be indigenous
in Surinam

I have not seen any specimen in the herbaria from Surinam.

CYNOMETRA Linn.

Cynometra Hostmanniana Tulasne Arch. du Mus. Hist. nat. Par.
IV. p. 180

Lower Marowyne River, near Albina: VERSTEEG 552 (fl. July).

Upper Marowyne River, near Poeloegoedoe · VERSTEEG 576 (fl. July).

Surinam · KEGEL 232, HOSTMANN 169 named by Steudel *Crudya aro-*
matica Willd.

French Guyana.

Cynometra parvifolia Tulasne Arch. du Mus. Hist. nat. Par. IV.
p. 181

Lower Surinam River: KAPPLER Ed Hohenack. 1905 (fl. Aug.)

Surinam. HOSTMANN ex Tulasne l. c.

COPAIFERA Linn

Copaifera guyanensis Desf. in Mém. Mus Par. VII. 376.

Upper Marowyne River, near Poeloegoedoe VERSTEEG 620 (fl. July).

Upper Saramacca River, near Janbasigado PULLE 199 (fl Jan.)

Surinam · KAPPLER H. L. B 903, 322—462

Vernacular name »Hoeproe" or »Hoepelboom".

Amazon district, French Guyana.

CRUDIA Schreb

Crudia obliqua Griseb Flora Br. West-Ind. Islands p 216

Paramaribo, near plant Quarta. KEGEL 454 (fl. Aug.)

Paulus-kreek FOCKE 1114 (fl. Sept.)

Surinam HOSTMANN and KAPPLER 712 named *Hirtella glaberrima* Steud

Flora 1843 p. 761 and *Crudya hirtelloides* Miq. in Herb.

Trinidad, Guyana.

HYMENAEA Linn.

Hymenaea Courbaril Linn. Spec. plant 337.

I am not quite sure, whether the «Lokus» of Surinam is the *Hymenaea* Courbaril or another species of *Hymenaea*. The plant is wanting in the herbaria from Surinam.

PELTODYNE Vog.

Peltogyne paniculata Bth in Hook Journ. Bot. II. 96

Paloemeu River: VERSTEEG 892 (fl. Sept.)

Surinam: KAPPLER H. L. B. 903, 322—396

Northern Brazil.

Peltogyne confertiflora (Hayne) Bth. Flora Bras. XV 2 p 232.

Hymenaea confertiflora Hayne Arzneigewächse XI. t 8

Marowyne River KAPPLER 2004 (fl. Octob.)

Tapanahoni River: VERSTEEG 926 (fl. Nov.)

Surinam KAPPLER H. L. B. 903, 322 463, HOSTMANN without number

Northern and Central Brazil.

TACHIGALIA Aubl

Tachigalia paniculata Aubl. Plant. Guyan. 374 t 143

Marowyne River. KAPPLER 1931 ed. Hohenack (fl. Aug.) named

Tachigalia polyphylla Miq. (non Popp et Endl.) and *Tachigalia angustifolia* Miq. in Stirp. Surin. Select p. 13 t 3; KAPPLER 2002.

Tapanahoni River, near Drie Tabbetje: VERSTEEG 654 (fl. July.)

Upper Saramacca River, near Janbasigado. PULLE 198 (fl. Jan.)

Surinam: HOSTMANN without number

TAMARINDUS Linn.

Tamarindus indica Linn Spec. plant. 48.

Paramaribo. KEGEL 863 (fl. Apr.), WENT 487 (fl. Octob.)

Saramacca River, near Groningen. WENT 185 (fl. Aug.)

Surinam SPLITGERBER 81 H. L. B. 905, 502—46 (fl. Nov.—Dec.),

HOSTMANN H. L. B. 903, 322—225.

All tropical countries.

EPERUA Aubl

Eperua falcata Aubl. Plant. Guyan. 369 t. 142.

Upper Litani River, near Knopaiamoi, VERSTEEG 393 (fl. Dec.)

Para River, near plant. Berlijn FOCKE 945 (fl. Sept.)

Para district SPLITGERBER 765 H. L. B. 904, 289—87, 88.

Upper Coppename River: BOON 1199 (fl. Sept.)

Vernacular name »Bylhout", Bieriehoedoe" or »Roode Wallaba".

French Guyana

Eperua grandiflora (Aubl) Benth. Flora Bras. XV. 2. p. 226.

Parivoo grandiflora Aubl. Plant. Guyan. II. 757 t. 303.

Upper Coppename River: BOON 1209 (fl. Octob.)

French Guyana.

Eperua rubiginosa Miq. Stirp. Surin. Select. 12.

Upper Gonini River: VERSTEEG 157 (fl. Aug.)

Upper Tapanahoni River, near Inteliwa VERSTEEG 855 (fl. Aug.)

Para district, near Berlijn. FOCKE 323 H. L. B. 904, 289—87; Dr.

VOLTZ without number.

Lower Coppename River. WENT 116 (fl. Aug.)

Arakuka-kreek: KEGEL 872.

Surinam: KAPPLER ed. Hohenacker 1659 (fl. Octob.), HOSTMANN 229.

British Guyana

var **grandiflora Pulle** nov. var.

Gonini River: VERSTEEG 48 (fl. Aug.)

Flores multo majores quam in forma typica. Sepala (in vivo) 3—3½ cM.

longa, petalum 3—3½ cM longum, 5 cM latum; filamenta 7 cM. longa,

antherae 1—1½ cM. longae, ovarium 2—2½ cM. longum; stylus

8 cM. longus. Cetera ut in forma typica.

MACROLOBIUM Schreb.

Macrolobium chrysostachyum (Miq) Benth. Flora Bras. XV. 2 p. 220.

Vouapa chrysostachya Miq. Stirp. Surin. Select. 11

Para district, near plant. Vier Kinderen, la Prosperité and Berlijn.

FOCKE 986 (fl. Sept.)

Nickerie River: TULLEKEN 410 H. L. B. 903, 322—1190 (fl. Sept.)

Northern Brazil, British Guyana.

Macrolobium guyanense (Aubl) Pulle

Outea guyanensis Aubl. Plant. Guyan. I. 28 t. 9.

Surinam: HOSTMANN

French Guyana.

Macrolobium multijugum (D. C.) Benth. Flora Bras. XV. 2 p. 222.

Outea multijuga D. C. Prodr. II. 510.

Para district: SPLITGERBER 756 H. L. B. 904, 289—103 and SPLITGERBER 757 H. L. B. 904, 289—102 (fl. March)

Surinam: HOSTMANN and KAPPLER ed. Hohenacker 664; HOSTMANN 76, 686.

Northern Brazil, Guyana

Macrolobium bifolium (Aubl.) Pers. Syn. Pl. I. 186

Vouapa bifolia Aubl. Pl. Guyan. I. 25 t. 7

Marowynne River: KAPPLER ed. Hohenacker 1930 (fl. Sept.)

Surinam River: SPLITGERBER 516 H. L. B. 904, 289—105 (fl. Jan.)

Casapoera-kreek: KEGEL 1178 (fl. Nov.)

Upper Cottica district: FOCKE 697 named *Vouapa elegans* Miq. in Ann. Sc. nat. Ser. I. T. III. p. 40, FOCKE 123 H. L. B. 904, 289—106 (fl. Octob.)

Lower Coppename River: WENT 124 (fl. Aug.)

Surinam: HOSTMANN 1136.

Northern Brazil, Guyana.

Macrolobium acaciaefolium Bth. in Hook. Journ. of Bot. II. 94

Gonim River: VERSTEEG 120 (fl. Aug.)

Vernacular name "Bosch-tamarinde".

Amazon-district, British Guyana.

PALOVEA Aubl.

Palovea guyanensis Aubl. Plant. Guyan. I. 366. t. 141.

Upper Gonim River: VERSTEEG 248 (fl. Sept.)

Surinam: KAPPLER H. L. B. 903, 322—459.

Guyana

The length of the petals is very variable in this species. Aublet figures a flower with three equally developed petals but his original specimen in the Banks herbarium, British Museum, shows flowers, in which only one petal is well developed; two petals are much smaller and two (not noticed by Aublet) are represented only by very small rudiments of about 1 mM. The same is the case with Versteeg's specimen, mentioned above.

Palovea riparia Pulle nova spec. foliis simplicibus alternis oblongo-ellipticis, subcoriaceis, racemis subfasciculatis axillaribus terminalibusque, petalis minimis, inaequalibus, ovario glabro

Arbuscula 7 M attingens, ramulis folisque glabris, inflorescentia minute rufo-tomentella. Folia oblongo-elliptica, longe acuminata, supra nitidula subtus opaca, tenuiter venulosa, basi rotundata, 9—13 cM longa, 3—5 cM lata. Petiolus subteres 3—4 mM longus. Stipulas non vidi. Racemi ad apices ramorum fasciculati vel axillares 3—4 cM longi, 6—8 flori. Bracteae minimae, squamaeformes. Bracteolae 2 in involuclum bilobum ad 4 mM longum connatae. Pedicelli 7—8 mM longi. Calyx inter bracteolas stipite 7 mM longa fultus, turbinatus, stipite aequilongus. Segmenta calycis 4, subaequalia, obtusa, 9 mM longa, 5 mM lata, extus viridia, intus rubra. Petala





L. lincolni Del.

Lith. firma P.W.M. Trop.

5 inaequalia, 4 minima vix 1 mM longa, quantum majus 5 mM longum. 2 mM latum Filamenta 9, sparse pilosa, 5—6 cM. longa, basi brevissime connata Antherae glabrae 5 mM longae Ovarium glabrum, stipitatum, stipite calycis tubo uno latere adnata, 6-ovulatum, 1 mM. longum Stylus 6 cM longus, stigmatibus capitato. Legumen non vidi

Pl. X.

Saramacca River, near Janbasigado. PULLE 154 (fl. Jan.)

Species a *Palovea guyanense* Aubl. differt forma foliorum, bracteolis petalisque minoribus, ovario glabro, antheris glabris etc.

HETEROSTEMON Desf.

Heterostemon mimosoides Desf. Mém. Mus. Paris. IV. 249 t. 12.

Upper Tapanahoni River, near Inteliwa. VERSTEEG 866 (fl. Sept.)

Amazon district

BAUHINIA Linn

Bauhinia Versteegii Pulle nova spec. foliis integris ovatis basi rotundatis, longissime acuminatis, coriaceis, margine nerviforme cinctis, 5-nervus, alabastris linearibus, petalis acutis.

Frutex 3 M attingens, ramis junioribus rufescenti-villosis, demum glabris Folia ovata, integra, supra glabra, subtus minute rufescenti-puberula 21—10 cM longa 7½—3 cM. lata, longissime angustaque acuminata, 5-nervia, margine prominente nerviforme cincta, nervis supra impressis, subtus prominentibus, venulis transversis parum conspicuis. Petiolus 1 cM longus Stipulae minutae, deciduae Racemus terminalis 9 cM longus, 10-florus, rufescenti-puberulus, aphyllus. Pedicelli saepius gemini ¼ cM longi Alabastra linearia 5 cM longa Calycis tubus 1 cM. longus, segmenta extus rufescentia Petala augustissime linearia, acuta, calycis segmentis multo breviora Stamina omnia antherifera Filamenta 6—7 cM longa, pars infima sparse puberula, ceterum glabra Ovarium longe stipitatum, ferrugineo-tomentosum, stipite glabra Stylus villosus, 3 cM. longus, stigmatibus oblique oblongo-clavato. Legumen 15 cM. longum, 1—1½ cM. latum compressum, glabratum, stipite 2½ cM longa.

Pl. XI

Upper Gonini River. VERSTEEG 163 (fl. and fr. Aug.)

Bauhinia bicuspidata Benth. Flora Bras. XV. 2. p. 193

Upper Tapanahoni River, near Mount Teeboe: VERSTEEG 791 (fl. and fr. Aug.)

Amazon district

The pod of this species has not been described by Benth. It is of a darkbrown colour, soft-haired, about 12 cM. long and 2 cM. broad, and has a stalk of 5 cM. It is very flattened and has 10 seeds of a dark-brownish colour.

Bauhinia acuminata Linn. Spec. plant. 376.

Cottica district near plant Alliance WENT 279 (fl. Aug.)

Cultivated.

East-India, China.

Bauhinia Outimounta Aubl. Plant. Guyan. I 375 t. 144

Para district, near Berlijn SPLITGERBER 712 H. L. B. 904, 298—17

Upper Nickerie River, near Fallawatra: TULLEKEN 470 H. L. B. 903,
322—1553.

Specimen without flowers or fruits

Vernacular name: „Sekrepatoe trapoe”.

French Guyana.

Bauhinia guyanensis Aubl. Plant. Guyan. 377 t. 145

Upper Surinam River, near Bergendal: FOCKE 387.

French Guyana.

Bauhinia Kunthiana Vog. Linnaea XIII p. 312

Para district, near plant Berlijn: FOCKE 959 named *Bauhinia rosea*
Miq. Stirp. Surin. Select. 9

French Guyana.

Bauhinia coronata Benth. Flora Bras. XV. 2 p. 209.

Upper Litanie River VERSTEEG 421 (fl. Dec.)

Surinam River SPLITGERBER 548 H. L. B. 904, 289—15 and 16 (fl. Jan.)

Surinam: KAPPLER H. L. B. 903, 322—461.

Northern Brazil, French Guyana.

Bauhinia cumanensis H. B. K. Nov. Gen. et Spec. VI. p. 321

Surinam: HOSTMANN.

Northern Brazil, British Guyana, Columbia.

Bauhinia Hostmanniana Miq. Stirp. Surin. Select. p. 10

Paramaribo: FOCKE 180.

Surinam: HOSTMANN and KAPPLER 811a

Bauhinia Kappleri Sagot. Ann. Scienc. Nat. 6me Ser. XIII p. 317.

Marowynne River KAPPLER ex Sagot l. c.

The specimen of Kegel in Herb. Gotting no. 1260, named by Meissner
in Linnaea XXII p. 254 *Schnella brachystachya* Benth. is quite
different from that species.

As Kegel's specimen has no flowers, it cannot be identified.

CASSIA Linn.

Cassia grandis Linn. f. Suppl. 230.

Paramaribo, near Poeleplantje: KEGEL 722 (fl. Febr.), FOCKE H. L. B.
904, 289—35 (fl. June); FOCKE 625 (fl. June) and 797 (fl. April).

Surinam: HOSTMANN 834, DUMORTIER without number.

Tropical America.

Cassia leptophylla Vog Syn. Cass 13

Upper Litanie, River near Mount Knopaiamoi : VERSTEEG 409 (fl Dec)
Southern Brazil.

A very rare species, only found by Sello in the St. Paulo-district.
According to Versteeg, it is a large tree of about 15 M. height
and had only very young leaves, when he saw it.

Cassia bacillaris Linn f Suppl. 231

Paramaribo, near Poelephantje KEGEL 309, and 66 (fl July), FOCKE
628 named *Cassia Fockeana* Muq. Linnaea XVIII 479, SPLITGERBER
23 H L. B. 904, 289—26 (fl Nov); TULLEKEN 28, H L B 903,
322—1191, 1277, 1500 (fl July), WENT 357 (fl. Sept); VERSTEEG
466 (fl June), BOON 1007 (fl. July).

Lower Saramacca River, near Groningen · WENT 176 (fl Aug)

Western Coronie : TULLEKEN 555, H L B. 903, 322—962 (fl Octob.)
and TULLEKEN 568 H L. B 903, 322—975 (fl Octob.)

Nickerie TULLEKEN 296, H L B 903, 322—1604 (fl. Aug)

Surinam. HOSTMANN 670, HOSTMANN H L B 903, 322—16

Vernacular name "Gadoboom" (Splitgerber)

Northern Brazil, Guyana, Central America, West-Indian Islands

Cassia latifolia G F W Meyer. Prim Fl Esseq. 166

Surinam KAPPLER 1408 WULLSCHLAGEL ex Benth. Revision genus
Cassia in Transactions Linnean Soc. XXVII p 523.

Marowynne River, near Albina VERSTEEG 563 (fl. July).

Guyana

Cassia quinquangulata L C Rich, in Act Soc. Hist nat Par. 108.

Paramaribo, near plant. Quarta; KEGEL 809 (fl Febr)

Para district. SPLITGERBER IIII H L. B 904, 289—43 (fl March),
near Osembo. FOCKE 31 H. L B 904, 289—42 (fl. April), FOCKE 572.

Upper Saramacca River. PULLE 218 (fl. March)

Lower Coppename River. WENT 125 (fl Aug.)

Surinam. HOSTMANN 150 ex Benth. Revision Gen. Cassia

Brazil, Guyana

Cassia chrysocarpa Desv. Journ. Bot. III 72.

Lawa River, near Cottica VERSTEEG 283 (fl. Octob)

Gonini River : VERSTEEG 213 (fl Sept)

Paramaribo, near Poelephantje KEGEL 298 (fl. July), near Kwattaweg.

FOCKE 836 (fl Sept); near Wanicapad : FOCKE 631 (fl. Sept) named

Cassia chrysogyne Muq. Linnaea XVIII p. 581.

Coppename River · BOON 1098 (fl. Sept)

Surinam Dr. VOLTZ without number; HOSTMANN 327 ex Benth.

Guyana, Northern Brazil, Cuba

Cassia occidentalis Linn. Spec. plant. 539

Marowynne River, near Albina: WENT 441 (fl. Octob.)

Gonini River VERSTEEG 126 (fl. Aug.)

Paramaribo. KEGEL 326 (fl. July), SPLITGERBER 105 H. L. B. 904, 289—38; FOCKE 86 H. L. B. 904, 289—39, FOCKE 658 (fl. Sept.)

Para River, near Post Republiek: TULLEKEN 219 H. L. B. 903, 322—1185

Saramacca River. PULLE 74 (fl. Nov.)

Surinam TULLEKEN 177 H. L. B. 903, 322—1409 (fl. Aug.), HOSTMANN 400 ex Benth.

Vernacular name "Jorka Pesí"

Tropical America, Asia, and Africa.

Cassia hirsuta Linn. Spec. plant. 540

Paramaribo. SPLITGERBER 18 H. L. B. 904, 289—36 (fl. Nov.), KEGEL 315 (fl. July); FOCKE, near plant. Tourtonne 627 (fl. Octob.); FOCKE 75 H. L. B. 904, 289—37

Lower Surinam River. HOSTMANN and KAPPLER ed. Hohenacker 1923 (fl. April); HOSTMANN H. L. B. 903, 322—284.

Tropical America.

Cassia Tora Linn. Spec. Pl. 538.

Paramaribo SPLITGERBER 559 H. L. B. 904, 289—48; FOCKE 626 (fl. Aug.); FOCKE 66 H. L. B. 904, 289—45. KEGEL 618 (fl. Sept.), WENT 14 (fl. July); WENT 498 (fl. Octob.)

Surinam: HOSTMANN 436; HOSTMANN H. L. B. 903, 322—335; FOCKE 552.

All tropical and sub-tropical countries

Cassia multijuga L. C. Rich. in Act. Soc. Hist. nat. Par. 108

Gonini River VERSTEEG 211 (fl. Sept.)

Upper Tapanahoni River, VERSTEEG 887 (fl. Sept.)

Surinam River FOCKE 335 (fl. Sept.), near Joden Savanne: FOCKE 937 (fl. Sept.)

Saramacca River, near plant. Maagdenburg. KEGEL 1169 (fl. Nov.)

Upper Coppename River. BOON 1202 (fl. Octob.)

Nickerie: TULLEKEN 495 H. L. B. 903, 322—1243 (fl. Sept.)

Surinam HOSTMANN and KAPPLER 829, named *Cassia ampliflora* Steud. in Flora 1843 p. 760.

Tropical America.

Cassia racemosa Mill. Dict. ed. 8 n. 19.

Upper Saramacca River: PULLE 421 (fl. Jan.)

Northern Brazil, British Guyana, Columbia, Peru.

Cassia slamea Lam. Dict. I. 648.

Paramaribo. BOON 1001 (fl. July); WENT 23 (fl. July), WENT 325 (fl. Sept.)

Tropical Asia, introduced into Surinam and cultivated along the roads.

Cassia alata Linn. Spec. pl 541

Lower Surinam River, near plant Jagtlust: WENT 28 (fl. July).

Paramaribo: SPLITGERBER 139 H. L. B. 904, 289—25 (fl. Nov.)

Cottica district, near plant Vaderzorg: KEGEL 913 (fl. June).

Vernacular name: »Slabriki"

Tropical America, Asia and Africa

Cassia reticulata Willd. Enum. Hort. Berol. 443

Paramaribo, Kwattaweg: TULLEKEN 66 H. L. B. 903, 322—1345 (fl. July)

Surinam River, near plant. Domburg. TULLEKEN 267 H. L. B. 903,

322—1175 (fl. Aug.); near Joden Savanne SPLITGERBER 964 H. L. B.

904, 289—44 (fl. May); near Bergendal FOCKE 379 (fl. March.)

Saramacca River, near Jacob-Kondre. PULLE 118 (fl. Dec.)

Vernacular name. »Slabriki"

Tropical America

Cassia hispidula Vahl. Ecl. III 10

Surinam HOSTMANN 1174, Joden Savanne KEGEL 1124 (fl. Nov.)

Tropical America

Cassia viscosa H. B. K. Nov. Gen. et Spec. VI 360.

Surinam: HOSTMANN 1185 named *C. viscoso-pilosa* Steud. in Flora 1843
p. 760

Central and Northern Brazil, Guyana, Columbia.

Cassia diphylla Linn. Spec. pl 537.

Upper Surinam River, near Joden Savanne. SPLITGERBER 1150 H. L. B.
904, 289—32 in savannahs

Cottica district in savannahs FOCKE 676 (fl. Octob.)

Surinam. FOCKE 103 H. L. B. 904, 289—33.

Tropical America.

Cassia cultrifolia H. B. K. Nov. Gen. et Spec. VI 363.

Para district, near Onoribo. SPLITGERBER 689 H. L. B. 904, 289—30
(fl. March), FOCKE 866 (fl. March)

Casawinica River KAPPLER ed. Hohenacker 1926 (fl. June).

Guyana, Central Brazil, Columbia.

Cassia uniflora Spreng. Neue Entdeck. I. 291.

Upper Tapanahoni River, near Mount Teeboe. VERSTEEG 775 (fl. Aug.)

var. **parvifolia** Benth. Revision Genus Cassia in Transact. Linnean Soc.
XXVII p. 568.

Surinam River, near Joden Savanne FOCKE 168 H. L. B. 903,
322—1255 (fl. Aug.); FOCKE 454 named *Cassia savannensis* Miq.

Linnaea XVIII p. 584.

Para district, in Savannah Berlijn. VAN HALL 51c, FOCKE 454, SPLITGERBER 710 H. L. B. 904, 289—49, 50 (fl. March)
 Savanne Kompas WENT 368 (fl. Sept)
 Saramacca River, near Saron KEGEL 1108 (fl. Nov)
 Surinam. Dr VOLTZ, HOSTMANN 41, 808.
 Brazil, Guyana.

Cassia spec. near *C. malacophylla* Vogel, named *Cassia bmervis Splitgerb.* Mss.

Para district, near Onoribo SPLITGERBER 1151 H. L. B. 904, 289—29
 As this specimen has no flowers, I cannot make out, whether it is a new species or not

Cassia flexuosa Linn Spec. plant 543

Surinam River, Joden Savanne KEGEL 1103 (fl. Nov)
 Surinam HOSTMANN 374 and 1062
 Tropical and sub-tropical South-America.

Cassia glandulosa Linn Spec. plant 542

Para River, near Post-Republiek TULLEKEN 249 H. L. B. 903, 322—1442 (fl. Aug)
 Surinam: HOSTMANN 1179, named *Cassia disadena Steud* in Flora 1843 p. 760.
 Brazil, Guyana, Columbia, Peru.

Cassia patellaria D C in Collad. Hist. Cass. 125 t. 16

Upper Tapanahoni River. VERSTEEG 732 (fl. Aug)
 Paramaribo: FOCKE 780 (fl. April); near Laan van Tourtonne KEGEL 493 (fl. Aug.), Kwattaweg WENT 307 (fl. Aug)
 Para district SPLITGERBER 1020 H. L. B. 904, 289—41 (fl. Apr)
 Surinam HOSTMANN 950, HOSTMANN H. L. B. 903, 322—269
 Brazil, Guyana, Columbia.

MARTIUSIA Bth.

Martiusia parvifolia Bth in Hook. Journ. of Bot. II. 103

Martia parvifolia Bth in Flora Bras. XV. 2. p. 80. t. 28.

Para district: PLASSCHAERT 22 (fl. Aug.)
 Vernacular name: »Purperhart" (white sort.)
 Northern Brazil.

PARKINSONIA Linn

Parkinsonia aculeata Linn. Hort. Cliffort. 147. t. 13.

Paramaribo: SPLITGERBER 1184 H. L. B. 905, 205—82 (fl. Febr.).
 Surinam WEIGELT.
 Tropical and sub-tropical America, Asia and Africa

HAEMATOTOXYLON Linn**Haematotoxylon campecheanum Linn**

Paramaribo, cultivated in gardens. FOCKE 857 (fl. Jan)
West-Indies.

POINCIANA Linn.**Poinciana regia Boj ex Botan. Mag t. 2884.**

Paramaribo: BOON 1002 (fl. July); WENT 326 (fl. Sept.)
Cultivated along the roads.
Madagascar.

CAESALPINIA Linn.**Caesalpinia pulcherrima (L.) Swartz. Obs. 166**

Poinciana pulcherrima Linn Spec pl. 544.

Paramaribo KEGEL 385 and 386 (fl. July), WENT 485 (fl. Octob.),
BOON 1004 and 1005 (fl. July)

Para district. Dr. VOLTZ.

Western Coronie: TULLEKEN 563, 565 and 566 H. L. B. 903, 322—970,
972 and 973.

Surinam SPLITGERBER 13 H. L. B. 904, 289—22

Cultivated everywhere. Vernacular name "Sabinabloem" (Splitg.)

All tropical countries.

Caesalpinia Bonducella (L.) Roxb. Fl. Ind. Occ. II. 357

Gulandina Bonducella Linn Spec. pl. 545.

Near plant. Zeezigt at the sea-side. SPLITGERBER 798 H. L. B. 904,
289—18, 19 and 20 (fl. April.)

Vernacular name of the seeds "Nickeri" (Splitg.)

Cultivated in all tropical and sub-tropical countries.

SWARTZIA Schreb**Swartzia Hostmanni Benth Flora Bras XV. 2 p 18.**

Gomni River VERSTEEG 131 (fl. Aug.)

Surinam HOSTMANN 119, KAPPLER H. L. B. 903, 322—401

Swartzia triphylla Willd. Spec. plant. II. 1220

Tapanahoni River VERSTEEG 713 (fl. July)

Para district. HOSTMANN and KAPPLER ed. Hohenacker 683 named
Swartzia diphylla Steud. Flora 1843 p. 757.

Paulus-kreek. FOCKE 1410 (fl. Sept.)

Upper Surinam River, near Bergendal: SPLITGERBER 916 H. L. B.
905, 205—49 (fl. May).

Surinam HOSTMANN 106, HOSTMANN H. L. B. 903, 322—106

Amazon district, Guyana, Columbia.

Swartzia Benthamiana Miq Stimp. Surin. Select 15

Marowynne River KAPPLER ed Hohenacker 1929 (fl Aug.)

Upper Coppename River BOON 1096 (fl Sept.)

Amazon district, French Guyana.

Swartzia tomentosa (Willd.) D C. Prodr 423*Robinia tomentosa* Willd Spec pl. III. 1131

Lawa River, near Cottica. VERSTEEG 275 (fl Octob)

Surinam River, near Joden Savanna: KEGEL 1172 (fl. Nov.) named by

Meissner in Linnaea XXII p 254 *Swartzia grandifolia* Bong.

Surinam River HOSTMANN and KAPPLER ed. Hohenacker 1267 (fl. Nov.)

named *Swartzia polyanthera* Steud Flora 1843 p 757

Surinam. NOLTE in Hb. Gotting.

French Guyana, Brazil

LEGUMINOSAE-PAPILIONATAE.

SWEETIA Spr.

Sweetia nitens (Vog.) Bth. Journ. Linn. Soc. VIII. 262.

Leptolobium nitens Vog. Linnaea XI. 394.

Para district, near Onoribo: SPLITGERBER 763 H. L. B. 905, 205—47 (fl. March).

Surinam: HOSTMANN 1164 named *Leptolobium nitidulum* Miq. Stirp. Surin. Select. p. 18

Vernacular name: "Watergroenhart" (Splitgerb.)

Northern Brazil, Guyana.

ORMOSIA Jacks.

Ormosia coccinea Jacks. Trans. Soc. Linn. Lond. X. 360.

Surinam: HOSTMANN 1299 named *Leptolobium costulatum* Miq. Stirp.

Surin. Select p. 17.

Brazil, Guyana

CROTALARIA Linn

Crotalaria stipularia Desv Journ Boten. 1814 II 76

Tapanahoni River, near Drie Tabbetje: VERSTEEG 700 (fl July).

Para district, near Onoribo: SPLITGERBER 633 H. L. B. 904, 289—62 (fl. March).

Commewyne River KAPPLER without number.

Surinam River, near Joden Savanne: KEGEL 1127 (fl Nov), near Visscherholle (?): KEGEL 1004 (fl. Sept.)

Vernacular name: "Jacome" (Versteeg).

Tropical South-America

Crotalaria retusa Linn. Spec. 1004.

Gonini River VERSTEEG 113 (fl Sept.)

Paramaribo SPLITGERBER 25 H. L. B. 904, 289—60, KEGEL 65, TULLEKEN 39 H. L. B. 903, 322—1293 and 1332; WENT 335.

Saramacca River, near Groningen: WENT 182; near Pakka-Pakka. PULLE 183.

Western Corone: TULLEKEN 551 H. L. B. 903, 322—958
 Surinam: HOSTMANN 593 named *Crotalaria Hostmanni Steud* Flora
 1843 p. 757; HOSTMANN H. L. B. 903, 322—89
 Vernacular name: "Jokoman siri" (Pulle).
 All tropical countries

Crotalaria verrucosa Linn. Spec. 1005

Paramaribo: SPLITGERBER 175 H. L. B. 904, 289—65; KEGEL 67;
 TULLEKEN 13 H. L. B. 903, 322—1313
 Surinam WEIGELT, HOSTMANN H. L. B. 903, 322—274, FOCKE, named
Crotalaria paramariboensis Miq. Tayl. Ann. Nat. Hist. XI 74
 East-Indies, introduced into Surinam

Crotalaria anagyroides H. B. K. Nov. Gen. et Spec. VI. p. 404.

Lower Marowynne River: VERSTEEG 461.
 Lower Surinam River, near plant. Jagtlust: SPLITGERBER 395 H. L. B.
 904, 289—59, FOCKE 482
 Surinam: HOSTMANN H. L. B. 903, 322—67.
 Tropical and sub-tropical South-America.

INDIGOFERA Linn.

Indigofera Anil Linn. Mant. 272.

Gonini River: VERSTEEG 125.
 Tapanahoni River: VERSTEEG 669
 Paramaribo: WENT 288, TULLEKEN 9 H. L. B. 903, 322—1317 and 1331.
 Upper Saramacca River: PULLE 447.
 Vernacular name: "Ningo" or "Iningo".
 All tropical countries.

Indigofera tinctoria Linn.

Paramaribo. KEGEL 335 ex Meissner Linnaea XXI. p. 263.
 East-India

TEPHROSIA Pers

Tephrosia toxicaria Pers. Syn. II. 329

Lawa River, near Cottica. VERSTEEG 298 (fl. Octob.)
 Tapanahoni River, near Drie-Tabbetje: VERSTEEG 698 (fl. July)
 Upper Surinam River: FOCKE 1303 (fl. May).
 Vernacular name: "Koenami" (Focke) or "Boembi" (Versteeg) in the
 language of the negroes, "Asitjona" in the language of the Caribs.
 The roots and the seeds are a fish-poison.
 Northern and Central South-America

Tephrosia cinerea Pers. Syn. II. 329.

var. β *littoralis* Bth. Flora Bras. XV. 1. p. 48.

Surinam River, near plant Zwarigheid: FOCKE 666 named *Tephrosia gynothrix* Miq Linnaea XVIII 29
All tropical South-America

SESBANIA Pers

Sesbania exasperata H B. K. Nov Gen et Spec. VI. 534
Paramaribo, near plant. Vaderzorg: KEGEL 912; FOCKE 1042 named
Sesbania macrocarpa Muhl. by Meissn and Miq.
Surinam: HOSTMANN 761; HOSTMANN 903, 322—85.
All tropical South-America

Sesbania aegyptiaca Pers Syn. II 316.

Surinam. SPLITGERBER 561 H. L. B 905, 205—62, 63 and 64; FOCKE 276, HOSTMANN and KAPPLER 670 named by Miquel: *Sesbania picta* Pers
East-India, Africa.

Sesbania grandiflora Pers

Surinam. SPLITGERBER 348 H. L. B. 905, 205—61 (fl. Dec.)
Cultivated.

CHAETOCALYX D. C.

Chaetocalyx brasiliensis (Vog.) Bth Flora Bras. XV. 1. p 75.

Rhadinocarpus brasiliensis Vog Linnaea XII p. 110

Surinam ex Bth. 1 c
Amazon district.

AESCHYNOMENE Linn

Aeschynomene sensitiva Sw. Flora Ind Occ. III 1256.

Lower Marowynne River, near Albina: VERSTEEG 5

Upper Gonini River. VERSTEEG 175

Paramaribo: SPLITGERBER 50 and 177 H. L. B 904, 289—7, FOCKE 633 and 536, near Poelephantje KEGEL 184

Commewynne River, near plant. Monnikendam: SPLITGERBER 800 H. L. B 904, 289—8.

Saramacca River, near Groningen: WENT 235

Surinam: FOCKE 176, HOSTMANN H. L. B. 903, 322—62

Vernacular name. "Watra sjen-sjen". (Versteeg).

Tropical America, Africa and Madagascar.

Aeschynomene fluminensis Vell. Flora Flumin. VII t. 19

Paramaribo: SPLITGERBER 771 H. L. B 904, 289—6, named *Aeschynomene scoparia* Splitg. Mss.; near Oude Rijkweg: KEGEL 635 (fl. Sept)

Surinam: HOSTMANN 741; HOSTMANN H. L. B. 903, 322—164
Southern and Central-Brazil.

Aeschynomene paniculata Willd. Herb. ex. Vog. Linnaea XII 95

Para district: SPLITGERBER 1007 H. L. B. 904, 289—4; Savanne
Kompas: WENT 392, Plant. Berlyn. FOCKE 966, named *Aeschynomene*
gracillima Miq Mss and *Aeschynomene gracilis* Miq (non Vog)
Linnaea XVIII 506
Surinam: HOSTMANN ed Hohenacker 820a.
Central- and South-America.

Aeschynomene brasiliana (Poir) D. C. Prodr II. 322

Hedysarum brasilianum Poir. Dict VI. 448.

Upper Tapanahoni River: VERSTEEG 661
Surinam River, near Blauwe Berg FOCKE 670.
Para district, near Onoribo: SPLITGERBER 612 H. L. B. 904, 289- 2.
Orellana kreek: FOCKE 98 H. L. B. 904, 289—3
Tropical South-America; Central-America

Aeschynomene hystrix Poir Dict. Suppl. IV. 77.

Surinam River. near Blauwe Berg FOCKE 1006.
Saramacca River, near Saron. KEGEL 1281.
Surinam HOSTMANN 1074.
Tropical South-America, Central America.

STYLOSANTHES Sw.

Stylosanthes viscosa Sw Flora Ind. Occ 1283

Paramaribo FOCKE 673 (fl. Octob), FOCKE 100 H. L. B. 905, 205—52
Para district, near Onoribo: SPLITGERBER 611 H. L. B. 905, 205—53,
54, and 55 (fl. March); near Savanna Kompas WENT 375 (fl. Sept.)
Surinam River, near Joden Savanne: KEGEL 870 and 1197; Dr VOLTZ
without number
Central and tropical South-America.

Stylosanthes guyanensis (Aubl.) Sw. Holm. 1789.

Trifolium guyanense Aubl Plant. Guyan 776 t 309.

Upper Tapanahoni River. VERSTEEG 835 (fl. Aug.)

var. β **gracilis Vog** Linnaea XII. 66.

Para district, near Onoribo. SPLITGERBER 635 H. L. B. 905, 205—57
(fl March); FOCKE 1009 (fl Sept) named *Stylosanthes surinamensis*
Miq Linnaea XVIII p. 567.
Tropical South-America

Stylosanthes angustifolia Vog. Linnaea XII. 63

Para district near Onoribo: SPLITGERBER 615 H. L. B. 905, 205—59
and 60 (fl. March); FOCKE 1007 (fl. Sept.)

Upper Surinam River, near Joden Savanne and Saramacca River, near Saron KEGEL 1113 (Nov. and May)
Amazon district, Guyana.

ARACHIS Linn.

Arachis hypogaea Linn. Spec. pl. 1040.

Paramaribo: KAPPLER ed. Hohenack. 1932; FOCKE 51.

Saramacca River, near Maripaston. PULLE 6,

Vernacular name: 'Pinda'.

Cultivated in all tropical countries.

ZORNIA Gmel

Zornia diphylla (L.) Pers. Syn. Pl. II. 318.

Hedysarum diphyllum L. Spec. pl. 1053

Lower Marowyne River, near Albina TULLEKEN 586 H. L. B. 903, 322—1215, TULLEKEN 592 H. L. B. 903, 322—1206, WENT 439; VERSTEEG 15.

Paramaribo VERSTEEG 564.

Saramacca River, near Saron: KEGEL 220

var: ♀ *pubescens* Bth. Flora Bras. XV 1 p 82

Paramaribo, near Orellana-kreek: FOCKE 668, named *Zornia surinamensis* Miq in Annals of Nat Hist 1843 No. 67 p. 14.

Para district, near Onoribo: SPLITGERBER 640 H. L. B. 905, 205—41

var. γ *gracilis* Bth Flora Bras. XV 1 p 83.

Surinam. HOSTMANN 1072.

All tropical countries.

DESMODIUM Desv.

Desmodium triflorum D. C. Prodr II. 334.

Paramaribo: KEGEL without number named *Nicholsonia reptans* Meissn.

Linnaea XXI p. 260, WENT 354.

Surinam. FOCKE 558.

East-Indies, tropical America.

Desmodium barbatum (L.) Bth. Plant. Jungh. 1. 224.

Lower Marowyne River, near Albina: WENT 475

Gonini River. VERSTEEG 207 (fl. Sept)

Tapanahoni River. VERSTEEG 703 (fl. July).

Cottica district, near Post Oranjewoud. FOCKE 674 (fl. Octob.);

FOCKE H. L. B. 904, 289—75

Paramaribo: KEGEL 27 (fl June), named *Nicholsonia cayennensis* D. C by Meissner Linnaea XXI. p. 260, TULLEKEN 112 H. L. B. 903, 322—1466 (fl Aug); SPLITGERBER 165 H. L. B. 904, 289—72 (fl. Nov.)

Para district. SPLITGERBER 1117 H. L. B. 904, 289-71, SPLITGERBER 680 H. L. B. 904, 289-73

Surinam. HOSTMANN 604 named *Nicholsonia major Steud* Flora 1843 p. 757, HOSTMANN H. L. B. 903, 322-26

Vernacular name: "Oeman-pinda" (Versteeg).

All tropical America

Desmodium adscendens (Sw.) D. C. Prodr. II. 332.

Lower Marowynne River. VERSTEEG 640 (fl. Jan.)

Lower Surinam River, near plant "de Zwaarigheid". FOCKE 671 named *Desmodium glaucescens* Miq. Linnaea XVIII p. 569.

Paramaribo, near Orellana-kreek: FOCKE 99 H. L. B. 904, 289-70

Para district. SPLITGERBER 1118 H. L. B. 904, 289-69 (fl. Apr.); in Savannah Berlijn: WENT 374 (fl. Sept.)

Saramacca River. PULLE 99 (fl. Dec.)

Surinam: HOSTMANN H. L. B. 903, 322-108.

All tropical America.

Desmodium incanum (Sw.) D. C. Prodr. II. 332

Hedysarum incanum Sw. Fl. Ind. Occ. 1265.

Paramaribo: KEGEL 29 (fl. June), TULLEKEN 7 H. L. B. 903, 322-1319; WENT 8 and 328, VERSTEEG 469

Lower Comewynne River. FOCKE 252 named by Miquel Linnaea XVIII p. 569: *Desmodium racemiferum* D. C.

Surinam. HOSTMANN 599b; SPLITGERBER 15 H. L. B. 904, 289-77 and 76; FOCKE 31, HOSTMANN H. L. B. 903, 322-270.

Tropical America, introduced into Asia and Africa

Desmodium axillare (Sw.) D. C. Prodr. II. 333.

Hedysarum axillare Sw. Flora Ind. Occ. III. 1274.

Lower Saramacca River. PULLE 54 (fl. Nov.)

Surinam: HOSTMANN H. L. B. 903, 322-59.

Tropical America

Desmodium asperum (Poir.) Desv. in D. C. Prodr. II. 333.

Hedysarum asperum Poir. Dict. VI. 408.

Lower Marowynne River, near Albina. VERSTEEG 547 (fl. July).

Para district, near Onoribo. FOCKE 880 named *Desmodium spectabile* Miq. Linnaea XVIII. 570.

Surinam. HOSTMANN H. L. B. 903, 322-57 and 207.

Tropical South-America

ALYSICARPUS Neck

Alysicarpus vaginalis D. C. Prodr. II. p. 353.

Paramaribo. KEGEL 28, named *Alysicarpus nummularifolius* D. C.

var β *surinamensis* Meissn. Linnaea XXI. p. 262; VERSTEEG 468;

TULLEKEN 125 H. L. B. 903, 322—1479.

Nickerie TULLEKEN 295 H. L. B. 903, 322—1079.

Surinam. SPLITGERBER 481 H. L. B. 904, 289—10, FOCKE 736; FOCKE

H. L. B. 904, 289—9; HOSTMANN H. L. B. 903, 322—54.

East-India, introduced into tropical America

ECASTAPHYLLUM Pers. (*Dalbergia* Linn. f. pro. p.)

Ecastaphyllum Brownel Pers Syn. II. 277.

Surinam: FOCKE (fl. Octob.)

Tropical America and Africa.

Ecastaphyllum Monetaria (L. f.) Pers. Syn. II. 277.

Dalbergia monetaria Linn f Suppl 317.

Gonini River. VERSTEEG 78 (fl. Aug.)

Paramaribo: FOCKE 815 (fl. Sept.) named *Ecastaphyllum Benthamianum*

Miq. Linnaea XVIII p 575, KEGEL 833 (fl. March) and 366 (fl. July)

named *Hecastaphyllum Plumieri* Pers

Para district: SPLITGERBER 758 (fl. March) H. L. B. 904, 289—84

Upper Commewyne River: FOCKE 219 (fl. Aug.)

Surinam: HOSTMANN 184, HOSTMANN H. L. B. 903, 322—71.

Northern Brazil, Guyana, Trinidad, St. Domingo.

Ecastaphyllum pubescens D. C. Prodr II p. 421

Marowynne River: KAPPLER ed Hohenack. 2154 (fl. Sept.)

Surinam KAPPLER H. L. B. 903, 322—450.

French Guyana.

MACHAERIUM Pers.

Machaerium leiophyllum (D. C.) Bth. Ann. Mus. Vind II. 100.

Nissolia leiophylla D. C. Prodr. II. p. 258.

Lawa River: VERSTEEG 134 (fl. Aug.)

Surinam: HOSTMANN 256 named *Machaerium surinamense* Miq. Stirp.

Surin. Select. p. 21.

Surinam HOSTMANN 1198.

Guyana, Venezuela.

Machaerium ferrugineum Pers Syn. II p. 276

Upper Litanié River VERSTEEG 424 (fl. Dec.)

Paloemeu River: VERSTEEG 889 (fl. Sept.)

Surinam River, near Joden Savanne: KEGEL 1189 (fl. Nov.)

Para district, near plant. Berlijn FOCKE 944 (fl. March)

Upper Cottica district: FOCKE 678 (fl. Octob.)

Surinam: HOSTMANN 1304, SPLITGERBER 517 H. L. B. 904, 289—101
(fl. Jan.)

Northern Brazil, Guyana.

Machaerium Kegellii Melssn Linnaea XXI. p. 257.

Paramaribo, near Poelepantje: KEGEL 1249 (fl. Febr.)

CYCLOLOBIUM Bth.

Cyclolobium Hostmanni Bth. Journ. Proc. Linnean Soc. Suppl. to Vol. IV (1860) p. 52.

Surinam HOSTMANN 172 in Hb. Kew.

DREPANOCARPUS Meyer.

Drepanocarpus lunatus (Linn f.) G. F. W. Meyer. Prim. Fl. Esseq. 238.

Pterocarpus lunatus Linn. f. Suppl. 317.

Paramaribo: WENT 314 (fl. Aug.); 347 (fl. Octob.)

Lower Commewyne district. FOCKE 250 (fl. Octob.)

Saramacca River. WENT 251 (fl. Aug.); KEGEL 104 (fl. July)

Vernacular name: "Branti maka".

Tropical America and Africa

Drepanocarpus falcatus Miq. Linnaea XVIII p. 576

Surinam River, near plant Bergendal: FOCKE 927 (Sept.)

Benth in Journ. Proceed. Linnean Soc. Suppl. to Vol. IV. (1860) p.

71 says of this species: "D. falcatus Miq. from Surinam has according to specimens transmitted by him so exactly the foliage of *Drepanocarpus lunatus* with detached fruits of *Dalbergia inundata*, that, unless he has seen specimens with the fruits attached, we cannot but conclude, there must have been some mismatching". As in the original specimen of Focke in the Utrecht Herbarium a fruit is attached on the plant, the name *D. falcatus* Miq. must be kept.

Drepanocarpus inundatus Mart. Benth in Ann. Mus. Vind. II p. 96

Surinam River, near Cassepoere-kreek: KEGEL 1187 (fl. Nov.); near

Bergendal FOCKE 932 (fl. Sept.) named by Miquel *Machaerium*

Schomburgkii Bth. Miq. Linnaea XVIII p. 577

Surinam: HOSTMANN 700, HOSTMANN H. L. B. 903, 322—344; SPLIT-

GERBER 551 H. L. B. 904, 289—67.

Northern Brazil, Guyana, Venezuela.

PTEROCARPUS Linn.

Pterocarpus Draco Linn. ex parte D. C. Prodr. II. 418.

Surinam River: SPLITGERBER 543 H. L. B. 905, 205—66 and 68 (fl.

Jan.); near plant. Geyersvlyt KEGEL 695 (fl. Febr.); near Paramaribo.

KEGEL 841 (fl. March), named *Pterocarpus suberosus* Pers.

Upper Saramacca River: PULLE 171 (fl. Jan.)

Surinam: HOSTMANN and KAPPLER ed. Hohenack. 381; KAPPLER H. L. B.

903, 322—357

Vernacular name "Bébéhoedoc" (Splitgerb.)
Guyana, West-Indies, Central America.

Pterocarpus Rohrii Vahl. Symb II. 79.
Gonini River VERSTEEG 232 (fl. Sept.)
Northern Brazil, Guyana, Venezuela.

LONCHOCARPUS H. B. K.

Lonchocarpus sericeus H. B. K. Nov. Gen. et Spec. VI. 383
Paramaribo · KEGEL 849 (fl. March) named *Lonchocarpus densiflorus*
Bth by Meissner, Linnaea XXI p. 256; FOCKE 895 (fl. May), named
Lonchocarpus hedyosmys Miq. Linnaea XVIII p. 564
Surinam: HOSTMANN 234
Tropical America, Western tropical Africa.

MÜLLERA Linn f.

Müllera moniliformis Linn f. Suppl. 53
Surinam River SPLITGERBER 453 H. L. B. 905, 205—84, 85 (fl. Jan.).
Lower Commewyne district: FOCKE 749 (fl. Dec.), named *Loncho-*
carpus Pterocarpus D. C. Miq. Linnaea XVIII p. 565 and *Sphincto-*
lobium glaucescens Miq. Stirp. Surin. Select. p. 223 t. 4.
Surinam HOSTMANN 758
Northern Brazil, Guyana, St. Vincent.

DERRIS Lour.

Derris guyanensis Bth Flora Bras. XV 1 p. 208.
Deguelha scandens Aubl. Pl. Guyan. II. 750 t. 300.
Lawa River, near Cottica: VERSTEEG 437 (fl. Dec.)
Surinam River, near Cassepoere-kreek: KEGEL 1174 (fl. Nov.)
Surinam · WULLSCHLÄGEL 839 ex Bth. Journ. Proc. Linn. Soc.
Suppl. IV. p. 106.
Guyana.

ANDIRA Lam.

Andira retusa H. B. K. Nov. Gen. et Spec. VI. 385.
Paramaribo, Post Belair, Para district, Surinam River. SPLITGERBER
818 H. L. B. 904, 289—14 and 13 (fl. April) named *Andira suri-*
namensis Splitg. = *Geoffraea surinamensis* Bond. Dissert. de Geoffr.
Surin. p. 13.
Vernacular name: „Wormbast”
Northern Brazil, Guyana

Andira inermis H. B. K. Nov. Gen. et Spec. VI. p. 385.
Paramaribo. SPLITGERBER 470 H. L. B. 904, 289—11 and 12 (fl. Jan.);
FOCKE 898 (fl. April), WENT 494 (fl. Octob.).

Surinam. HOSTMANN 461 and 669; HOSTMANN H. L. B. 903, 322—96 and 305.

Perhaps the »Bruinhart» of Surinam.

Tropical America and Africa

DIPTERYX Schreb

Dipteryx oppositifolia (Aubl.) Willd. Spec. plant III 910.

Taralea oppositifolia Aubl. Plant. Guyan. II 745 t. 298

Upper Litane River, near Mount Knopiamoi: VERSTEEG 398 (fl. Dec.)

Gonini River VERSTEEG 234 (fl. Sept.)

Upper Tapanahoni River · VERSTEEG 910 (fl. Octob.)

Surinam KAPPLER H. L. B. 903, 322—355

Northern Brazil, Guyana

According to Taubert in Natürl. Planzenfam. III 3 p. 347, *Dipteryx oppositifolia* gives the English Tonka-Beans and *Dipteryx odorata* the Dutch Tonka-Beans. I have not seen any specimen of *D. odorata* from Surinam.

ABRUS Linn.

Abrus precatorius Linn. Syst. nat. 533.

Paramaribo KEGEL 738 (fl. Febr.)

Para district, near Onoribo FOCKE 881 (fl. March).

All tropical countries.

CLITORIA Linn.

Clitoria ternatea Linn. Spec. 1025.

Paramaribo · WENT 489 (fl. Octob.)

Coronie TULLEKEN 562 H. L. B. 903, 322—969 (fl. Octob.)

Cultivated.

All tropical countries

Clitoria glycinoides D. C. Prodr. II. 234

Tapanahoni River VERSTEEG 833 (fl. Nov.)

Paramaribo · KEGEL 907 (fl. June) named *Neurocarpum ellipticum* Desv.

by Meissner Linnaea XXI. p. 260

Upper Surinam River · FOCKE 1311 (fl. May.)

Tropical South-America, Central America

Clitoria guyanensis (Aubl.) Bth. Flora Bras. XV. 1 p. 121. t. 31 fig. 2.

Crotalaria guyanensis Aubl. Pl. Guyan. II 761 t. 305.

Surinam HOSTMANN 1262

Brazil, Guyana, Columbia.

Clitoria arborescens Ait. Hort. Kew. ed. II. IV. 302.

Lower Marowynne River. KAPPLER ed. Hohenacker 1933 (fl. July) named

Clitoria amoena *Mag* Stirp Surin Select p. 24, near Galibi at the sea-coast. WENT 421 (fl. Octob.); near Albina: VERSTEEG 532 (fl. July) Paramaribo, near Poelephantje. KEGEL 906 (fl. June) named *Neurocarpum bracteatum* Mart. by Meissner Linnaea XXI p. 260.

Lower Coppename River. WENT 150 (fl. Aug.)

Upper Nickerie River. TULLEKEN 428 H. L. B. 903, 322—1537, 1538, and 1577, TULLEKEN 394 H. L. B. 903, 322—1088 (specim. insuff.)

Surinam. HOSTMANN H. L. B. 903, 322—117.

Guyana, Columbia, Trinidad.

***Clitoria leptostachya* Bth.** in Journ. Linn. Soc. II 43

Gonini River. VERSTEEG 148 (fl. Aug.)

Upper Saramacca River. PULLE 468 (fl. March)

British Guyana

CENTROSEMA D. C.

***Centrosema Plumieri* (Juss) Bth** Flora Bras. XV. 1 p. 127

Tapanahoni River, near Drie-Tabbetje. VERSTEEG 677 (fl. July)

Tropical South-America.

***Centrosema brasilianum* (Linn.) Bth** Ann. Mus. Vind. II 118.

Clitoria brasiliensis L. Spec. 1026.

Upper Surinam River: FOCKE 456 (fl. Sept.)

Saramacca River, near Maripaston. KEGEL 1309 (fl. May)

Tropical Brazil, Guyana

***Centrosema angustifolium* (H. B. K.) Bth.** Ann. Mus. Vind. II 118.

Para district, near plant. Berlin. SPLITGERBER 718 H. L. B. 904, 289—54 and 55 (fl. March).

Surinam River in Savanne Kompas: WENT 371 (fl. Sept.)

Tropical South-America

***Centrosema virginianum* (Linn.) Bth** Ann. Mus. Vind. II 120

Clitoria virginiana L. Spec. 1026.

Marowynne River, near Albina: VERSTEEG 562 (fl. July).

Upper Tapanahoni River. VERSTEEG 818 (fl. Aug.)

Paramaribo. SPLITGERBER 775 H. L. B. 904, 289—57 and 58; FOCKE

Lower Saramacca River, near Maripaston. PULLE 12 (fl. Nov.)

Surinam. KAPPLER H. L. B. 903, 322—452.

All tropical America.

ERYTHRINA Linn.

***Erythrina glauca* Willd.** Spec. III 915.

Paramaribo, near Laan van Tourtonne. KEGEL 937 (fl. July).

Surinam. HOSTMANN H. L. B. 903, 322—148.

Amazon district, Guyana, Central America.

Erythrina velutina Willd Spec. III 915.

Surinam FOCKE 1335.

Cultivated.

Tropical America.

MUCUNA Adans**Mucuna urens (L.) D. C. Prodr. II 405***Dolichos urens* L Spec. 1020.

Marowynne River, near Poeloegoedoe. VERSTEEG 601 (fl. July)

Paramaribo, near Beekhuizen. KEGEL 97 (fl. July).

Surinam River SPLITGERBER 255 H. L. B. 905, 205—86 (fl. Dec)

Para district, near plant la Recontre: FOCKE 786 (fl. April).

Lower Commewyne district. TULLEKEN 133 H. L. B. 903, 322—1379
(fl. Aug.)

Surinam. HOSTMANN 55

Vernacular name. „Kowai” or „Bittredjoeka”

Tropical America and Africa.

Mucuna pruriens (Linn.) D. C. Prodr. II 405.*Dolichos pruriens* Linn Spec. 1019

Paramaribo. FOCKE 414

All tropical countries

Mucuna altissima (Jacq.) D. C. Prodr. II 405*Dolichos altissimus* Jacq. Ic. amer. 85 t. 182.

Upper Commewyne district, near plant Potribo SPLITGERBER 486

H. L. B. 905, 205—87 (fl. Jan)

Upper Saramacca River PULLE 476 (fl. March)

Northern Brazil.

STENOLOBIUM Bth. (*Calopogonium* Desv)**Stenolobium brachycarpum Bth** in Seem Bot Her. 109.Lower Marowynne River, near Albina. WENT 474 (Octob), VERSTEEG
25 (July).

Paramaribo. WENT 308 (Aug.); KEGEL 103 (July) named by Meissner

Linnaea XXI. 259. *Phaseolus Martii* Bth, FOCKE 458, 628b, 1330;

VERSTEEG 494 (June)

Lower Saramacca River, near Groningen. WENT 170 (Aug)

Surinam TULLEKEN 106 H. L. B. 903, 322—1460 (Aug), HOSTMANN

H. L. B. 903, 322—121; FOCKE 324 named by Miquel. *Dolichos*
regularis Mey, Dr. VOLTZ without number.

Brazil, Guyana.

Stenolobium velutinum Bth. in Tayl Ann Nat. Hist. III. 437

Surinam, accord to Benth Flora Bras. XV. 1. p. 139.

Brazil.

Stenolobium coeruleum (Desv.) Bth. Ann. Mus. Vind. II. 125
 Gonini River: VERSTEEG 140 and 230 (fl. Aug—Sept)
 Tropical South-America.

GALACTIA P. Br.

Galactia Jussieuana H. B. K. Nov. Gen. et Spec. VI. 429.
 Surinam. HOSTMANN.
 Amazon district, Guyana.

DIOCLEA H. B. K.

Dioclea violacea Bth. Ann. Mus. Vind. II. 132
 Surinam, accord to Benth. Flora Bras. XV. 1. p. 162.
 Central Brazil.

Dioclea reflexa Hook. f. Fl. Nigr. 306.
 Surinam: accord to Benth. Flora Bras. XV. 1. p. 163.
 Tropical America, Asia and Africa.

Dioclea glabra Bth. Ann. Mus. Vind. II. 133
 Lawa River: VERSTEEG 274 (fl. Octob.)
 Upper Litame River: VERSTEEG 401 (fl. Dec.)
 Tapanahoni River: VERSTEEG 662 (fl. July)
 Upper Saramacca River: PULLE 203 (fl. March).
 Surinam. KAPPLER H. L. B. 903, 322—453.
 Amazon district, Guyana

Dioclea lasiocarpa Mart. ex Bth. Ann. Mus. Vind. II. 133.
 Lower Marowynne River, near Albina. VERSTEEG 2 (fl. July).
 Upper Tapanahoni River: VERSTEEG 849 (fl. Aug.)
 Lower Surinam River near Jagtlust: WENT 94 (fl. Aug.)
 Paramaribo. SPLITGERBER 228 H. L. B. 903, 322—81 (fl. Dec.), FOCKE
 630 (fl. Sept.); KEGEL 604 (fl. Febr.), TULLEKEN 117 H. L. B. 903,
 322—1471 (fl. Aug.)
 Upper Saramacca River: PULLE 98 (fl. Dec.)
 Lower Coppename River: WENT 118 (fl. Aug.)
 Upper Coppename River: BOON 1045 and 1062 (fl. Aug.)
 Surinam: HOSTMANN H. L. B. 903, 322—60 and 298.
 Tropical Brazil, Guyana, Peru

Dioclea lasiophylla Bth. Ann. Mus. Vind. II. 134.
 Upper Tapanahoni River, near Mount Teeboe: VERSTEEG 797 (fl. Aug.).
 Central Brazil, New-Grenada.

CANAVALIA Adans.

Canavalia gladiata (Linn.) D. C. Prodr. II. 404.
Dolichos gladiatus Linn. in Jacq. Icon. rar. t. 560.

Paramaribo, near Beekhuizen KEGEL 981 (fl. Aug.) named *Canavalia brasiliensis* Mart Meissn. Linnaea XXI. p. 259, WENT 338 (fl. Octob.) Surinam. HOSTMANN H. L. B. 903, 322—118 and 292; FOCKE 1349.
All tropical countries.

***Canavalia obtusifolia* (Lam.) D. C. Prodr. II 404.**

Lower Marowyne River: KAPPLER ed. Hohenacker 1935 (fl. July) named *Phaseolus* sp. by Miquel.
All tropical countries.

CAJANUS D. C.

***Cajanus indicus* Spreng. Syst. 248.**

Lower Marowyne River, near Albina WENT 440 (fl. Octob.), VERSTEEG 535 (fl. July)
Paramaribo: KEGEL 136 (fl. July).
Nickerie TULLEKEN 581 H. L. B. 903, 322—988 (fl. Nov.)
Surinam. SPLITGERBER 1113 H. L. B. 904, 289—23, HOSTMANN H. L. B. 903, 322—179
Vernacular name. 'Wandoe'
Tropical Africa, cultivated in all tropical countries.

RHYNCHOSIA Lour

***Rhynchosia phaseoloides* (Sw.) D. C. Prodr. II. 385.**

Glycine phaseoloides Sw. Fl. Ind. Occ. III 1248

Marowyne River, near Poeloegoedoe. VERSTEEG 629 (fl. July)
Paramaribo: KEGEL 455 (fl. Aug.) named *Rhynchosia macrophylla* D. C. Meissn. Linnaea XXI 260.
All tropical America.

***Rhynchosia minima* (Linn.) D. C. Prodr. II 385.**

Dolichos minimus Linn. Spec. 1020

Paramaribo, near plant Quarta: KEGEL 114 (fl. July), named *Rhynchosia punctata* D. C.
Lower Surinam River FOCKE 667 (fl. Octob.)
Surinam HOSTMANN 466 and 574, H. L. B. 903, 322—213

ERIOSEMA D. C.

***Eriosema flaviflorum* Miq. Linnaea XVIII p. 573.**

Para district, near Onoribo: FOCKE 865 (fl. March).

***Eriosema crinitum* (H. B. K.) E. Mey. Comm. Pl. Afr. Austr. 128**

Glycine crinita H. B. K. Nov. Gen. et Spec. VI. 421 t. 573.

Para district, near Onoribo, FOCKE.

All tropical America.

Eriosema violaceum (Aubl.) E. Mey. Comm. pl Afr Austr 128

Cytisus violaceus Aubl. Pl Guyan II 766 t. 306.

Para district, near Onoribo SPLITGERBER 634 H. L. B. 904, 289—89 and 90.

Saramacca River, near Saron, KEGEL 1278 named *Eriosema crinitum* E Mey by Meissn. Linnaea XXI. 260.

Northern Brazil, Guyana, Trinidad.

PHASEOLUS Linn.

Phaseolus lunatus Linn. Spec. 1016.

Paramaribo · FOCKE 629 (fl. Sept.).

Para district. SPLITGERBER 994 (fl. May)

Vernacular name. "Zevenjaars boontje"

All tropical countries.

Phaseolus membranaceus Bth. Ann Mus. Vind. II. 137.

Upper Litanie River VERSTEEG 385 (fl. Dec)

Tropical Brazil

Phaseolus truxillensis H. B. K. Nov Gen et Spec. VI. 451.

Lower Commewyne River FOCKE 388 (fl. Sept.) named *Phaseolus surinamensis* Miq in Tayl. Ann. Nat. Hist XI 14.

Surinam HOSTMANN H. L. B. 903, 322—99 and 254.

Tropical America.

Phaseolus linearis H. B. K. Nov. Gen. et Spec. VI 443.

Surinam · HOSTMANN.

Guyana, New-Granada

Phaseolus ovatus Bth. Ann. Mus. Vind. II. 139

Paulus-kreek: FOCKE 1409

Nickerie River TULLEKEN 493 H. L. B. 903, 322—1025.

Central Brazil

Phaseolus campestris Mart. ex Benth. Ann Mus. Vind. II. 141.

Gonini River: VERSTEEG 63 (fl. Aug)

Upper Saramacca River PULLE 142 (fl. Jan.)

Amazon district

Phaseolus lasiocarpus Mart. ex Benth. Ann. Mus. Vind. II. 140.

Marowynne River, near Poeloegoedoe VERSTEEG 613 (fl July).

Para district. SPLITGERBER 994 H. L. B. 905, 205—81 (fl. May) named *Phaseolus capitatus* Splitg. Mss.

Paulus kreek · FOCKE 1415.

Amazon district, British Guyana.

Phaseolus longepedunculatus Mart. ex Benth Ann Mus. Vind II 141
 Lower Surinam River, near plant Zwarigheid Focke 669 (fl. Octob.)
 Tropical Brazil, Guyana.

VIGNA Savi

Vigna vexillata (L.) Bth. Flora Bras. XV. 1 p. 194 tab. 50.

Phaseolus vexillatus Linn. Spec. 1017.

Paramaribo: KEGEL 69 (fl. July); TULLEKEN 33 H. L. B. 903, 322—1295
 (fl. July).

Para district SPLITGERBER 1015 H. L. B. 905, 205—44 (fl. Jan.)
 Surinam. HOSTMANN H. L. B. 903, 322—10

All tropical countries.

Vigna luteola (Jacq.) Bth. Flora Bras. XV. 1 p. 194. tab. 50.

Dolichos luteolus Jacq. Hort. Vind t. 90.

Paramaribo TULLEKEN 34 H. L. B. 903, 322—1272 (fl. July); WENT
 336 (fl. Octob.)

All tropical countries.

DOLICHOS Linn.

Dolichos Lablab Linn. Spec. 1019.

Paramaribo: TULLEKEN 529

Vernacular name: "Boonkie".

Cultivated; all tropical countries.

OXALIDACEAE

OXALIS Linn.

Oxalis Schomburgkiana Prog Flora Bras. XII. 2 p. 500.

Upper Tapanahoni River. VERSTEEG 826 (fl. Aug.).

Upper Nickerie River TULLEKEN 353 H L. B. 903, 322—1041;
TULLEKEN 440 H. L. B. 903, 322—1542; TULLEKEN 522 H L B
903, 322—931 (fl. Octob.)

AVERRHOA Linn.

Averrhoa Carambola Linn Spec 613

Paramaribo: WENT 562.

Cultivated, vernacular name: „Fransche Birambi”.

East-India

Averrhoa Bilimbi Linn. Spec. 613.

Paramaribo: TULLEKEN 84 H L B 903, 322—1363 (fl. July); WENT
352 (fl. Octob.)

Cultivated, vernacular name: „Birambi”.

HUMIRIACEAE.

HUMIRIA Aubl

Humiria floribunda Mart Nov. Gen et Spec II 145

var ♂ **guyanensis** (Bth) Urb. Flora Bras XII 2 p. 439

Humirium guyanense Bth. Hook Lond. Journ Botan. II. 374.

Surinam River, near Joden Savanne SPLITGERBER 868. H. L. B. 904, 29—9 (fl. Apr.) FOCKE 1286 (fl May) named *Humirium surinamense* Miq Stirp Surin Select. p. 86 t 24; KEGEL 1144 (fl Nov) named *Humirium crassifolium* Mart, near Blauwe Berg SPLITGERBER 868 H. L. B. 904, 29—8 (fl. May.)

Para district, near Berlijn. FOCKE 1018 (fl Sept)

Saramacca River, near Maripaston. KEGEL 261 (fl. May.)

Surinam HOSTMANN 793, WULLSCHLÄGEL 837

British Guyana.

SACCOGLOTTIS Mart

Saccoglottis dichotoma Urban Flora Bras XII 2 p. 446.

Lawa River KAPPLER ed Hohenacker 2144 (fl. Octob.), named *Saccoglottis guyanensis* Bth. by Grisebach; near Cottica VERSTEEG 265 (fl. Octob.)

Surinam KAPPLER H. L. B 903, 322—480.

ERYTHROXYLACEAE.

ERYTHROXYLUM P. Br.

Erythroxylum amazonicum Peyr. Flora Bras. XII. 1. p. 167.

Surinam. HOSTMANN and KAPPLER 1264, named *Erythroxylum acutifolium* Steud. Mss.

Amazon district.

Erythroxylum citrifolium St. Hil. Fl. Bras. Merid. II. 94.

Upper Tapanahoni River; VERSTEEG 915 (fl. Octob.)

Surinam. HOSTMANN 1263.

var. **latifolium** O. E. Schulz. Mss.

Litanie River. VERSTEEG 428 (fl. Dec.)

Tropical Brazil, Guyana.

Erythroxylum coelophlebium Mart. in Abhandl. München 1840 p. 116.

var. **Grisebachii** (Peyr.) O. E. Schulz. Mss.

Erythroxylum Grisebachii Peyr. Flora Bras. XII. 1. p. 161.

Litanie River: VERSTEEG 432 (fl. Dec.)

Lawa River: KAPPLER ed. Hohenacker 2113 and KAPPLER (coll. 1861)

H. L. B. 903, 322—375.

Erythroxylum cumanaense H. B. K. Nov. Gen. et Spec. V. 177.

Paramaribo. WULSCHLÄGEL 1852, 1854 and 1385, WEIGELT in hb.

Berol.; FOCKE 1336.

Surinam. HOSTMANN 383, named by Peyritsch l.c. 143 *Erythroxylum ovatum* Cav.

Tropical America.

Erythroxylum Kapplerianum Peyr. Flora Bras. XII. 1. p. 159.

Upper Marowynne River. VERSTEEG 456 (fl. Jan.); KAPPLER ed. Hohenacker.

2116; KAPPLER (coll. 1861) H. L. B. 903, 322—390.

Erythroxylum macrophyllum Cav. Diss. VIII. 401. t. 227.

Lawa River. VERSTEEG 449 (fl. Dec.)

Upper Saramacca River: PULLE 77 (fl. Nov)
Amazon district, French Guyana.

Erythroxylum Roraimae Klotzsch in Schomburgk's Reise III. p. 1096
(nomen nudum).

Upper Tapanahoni River: VERSTEEG 721 (fl Aug.)
British Guyana

Note: *Erythroxylum surinamense* Miq. in Tijdschrift Nat. Geschied. en
Phys X. (1843) p 86 belongs to another order.

ZYGOPHYLLACEAE.

GUAJACUM Linn

Guajacum officinale Linn. Spec. pl. 546.

Paramaribo, WENT 264 (fl. Aug.).

Cultivated.

Florida, West-Indies, Venezuela, Guyana, Columbia.

RUTACEAE.

TICOREA Aubl

Ticorea longiflora D C. Mém. Mus IX 144 t. 8 and 9.

Marowyne River. WULLSCHLAGEL 828 ex Engler Flora Bras. XII.

2 p 92.

French Guyana.

GALIPEA Aubl

Galipea trifoliata Aubl Plant. Guyan. II. 662 t 269.

Upper Surinam River. FOCKE 1289 (fl May) named *Galipea fissa*
Miq. Stirp Surin Select p. 64.

Surinam. HOSTMANN 277, KEGEL 279.

Amazon district, French Guyana.

MONNIERA Löffl.

Monniera trifolia Linn Syst XXII, Sp. II. 986

Marowyne River WENT 431 (fl Octob), near Albina: VERSTEEG 20
(fl July)

Lower Surinam River, near Jagtlust: SPLITGERBER 428 H. L. B. 905,
220—70 (fl. Dec); near plant. Zwarigheid: FOCKE 485 and 543
(fl Octob.); near Paramambo: FOCKE 24 and 77 H. L. B. 905,
220—71; KAPPLER ed Hohenacker 1836 (fl. April.)

Lower Saramacca River, near Groningen: WENT 175 (fl. Aug.)

Upper Saramacca River PULLE 63 (fl Nov)

Surinam. HOSTMANN H. L. B. 903, 322—116; TULLEKEN 214 H. L. B
903, 322—1140

All tropical America.

CITRUS Linn.

Citrus decumana Linn. Spec. 1000.

Surinam KEGEL 1233 (fl. Jan)

Cultivated in all tropical America.

Citrus medica Linn

Subspec **Limonum (Risso) Hook f.**

Cultivated everywhere in the colony.

Vernacular name »Lemmetje».

I am not able to determine the greater part of the specimens of
Citrus, as the fruits are wanting

TRIPHASIA Lour.

Triphasia Aurantiola Lour. Flor Cochinch. 153.

Surinam FOCKE 292.

Cultivatad.

East-Indies

SIMARUBACEAE

SIMABA Aubl.

Simaba cuspidata Spruce Plant exsicc. 1751 ex Engl. Flora Bras. XII.
2 p. 212.

Surinam River, near Blauwe Berg: SPLITGERBER 924 H. L. B. 905, 220—75 (fl. May) and 927 H. L. B. 905, 220—74 (fl. June) named *Simaba guyanensis* Aubl.

Upper Nickerie River: TULLEKEN 502 H. L. B. 903, 322—1001 (fl. Octob.)
Surinam FOCKE 376.
Amazon district.

Simaba guyanensis (Aubl.) Engler Flora Bras. XII 2 p. 211.

Aruba guyanensis Aubl. Plant. Guyan I. 293 t. 115.

Upper Saramacca River: PULLE 441 and 477 (fl. March).
Surinam HOSTMANN and KAPPLER 141.

QUASSIA Linn.

Quassia amara Linn. Suppl. 235.

Paramaribo: WENT 112.

Commewyne River, near plant. Lustrijk: SPLITGERBER 191 H. L. B. 905, 220—72 (fl. Dec.)

Upper Nickerie River: TULLEKEN 403 H. L. B. 903, 322—1515 (fl. Sept.)
and TULLEKEN 434 H. L. B. 903, 322—1580.

Surinam: KAPPLER H. L. B. 903, 322—443.

Vernacular name: "Kwassibita"

Northern Brazil, Guyana, Trinidad.

BURSERACEAE

PROTIUM Burm

Protium heptaphyllum (Aubl.) March. in Kopenh Videnskab. Meddel.
1873 p 41.

Icica heptaphylla Aubl. Plant Guyan I. 337 t. 130

Marowyne River · KAPPLER ed. Hohenacker 2013 (fl. Aug) WULL-
SCHLAGEL 1405 ex Engler Flora Bras XII 2. p. 264.

Paramaribo · WULLSCHLAGEL 816, 1406 and 1407 ex Engler l. c

Surinam River, near Joden Savanne KEGEL 1150 (fl. Nov.); near
Post Oranjewoud. FOCKE 111 H L B. 898, 321—146 (fl. Octob);

FOCKE 684 named *Icica surinamensis* Miq Stirp Surin Select p 65
Coppename River, BOON 1208 (fl. Octob.)

Upper Nickerie River. TULLEKEN 395 H. L. B. 903, 322—1090 (fl. Sept)
and TULLEKEN 521 H. L. B. 903, 322—1033 (fl. Octob)

Surinam. HOSTMANN 322, 1242; KAPPLER H. L. B. 903, 322—373.

var. *α puberulum* Engl. l. c. 263

Surinam KAPPLER 1292 ex Engler l c

Vernacular name »Awaja" (or Hawaja) and »Tienje monnie"

Tropical South-America.

Protium unifoliolatum (Spruce) Engl. Flora Bras XII 2 p. 262.

Icica unifoliolata Spruce Plant. Exsicc. 1960

Lawa River. KAPPLER 2112 ex Engler l c

Amazon district.

Protium Hostmannii (Miq) Engler Flora Bras XII. 2. p 266

Icica Hostmanni Miq Stirp. Surin. Select. 68.

Surinam. HOSTMANN 1247 and 1292.

Guyana.

Protium sagotianum March. in Adans VIII f. 1.

Marowyne River · KAPPLER ed. Hohenacker 2009 (fl. Nov.)

Surinam. HOSTMANN 1039; WULLSCHLAGEL 1663

French Guyana

Protium polybotryum (Turcz.) Engl Flora Bras XII 2 278

Icica polybotrya Turcz Bull Mosc. 1858 I 473

Surinam. HOSTMANN 1268.

TETRAGASTRIS Gärtn

Tetragastris Hostmanni (Engl.) O Ktze Revisio. gen. plant

Hedwigia Hostmanni Engl Monogr p 97

Surinam. HOSTMANN 1161 in Hb Kew. ex Engler l c

TRATTINICKIA Willd.

Trattinickia burseraefolia Mart Nov Gen et Spec III 93 t 239

var α **obtusa** Engl Flora Bras. XII. 2 p. 283

Surinam. WULLSCHLAGEL 1686 ex Engl. l c.

Amazon district, British Guyana

MELIACEAE.

CARAPA Aubl

Carapa procera D C. Prodr. I. p. 625.

Upper Saramacca River, near Janbasigado PULLE 152 (fl. Jan)

Surinam KAPPLER ed Hohenack 2023 named by Griseb: *Carapa guyanensis* Aubl.

West-Indies, Guyana, Tropical Africa

Carapa surinamensis Miq. Strep. Surin. Select p 75 t. 19

Surinam: FOCKE 1066 (fl. Dec.)

MELIA Linn

Melia Azedarach L. Spec. plant. ed 3 p 550.

Paramaribo KEGEL 1011 (fl. Sept.); VERSTEEG 474 (fl. June), WENT 496 (fl. Octob.); FOCKE 901 (fl. Aug.)

Near plant Voorburg TULLEKEN 99 H L B. 903, 322—1378 (fl. July.)

All tropical and sub-tropical countries.

GUAREA Linn

Guarea trichiloides Linn. Mant. 228.

Gonini River VERSTEEG 133 (fl. Aug.)

Paramaribo WULLSCHLÄGEL ex Cas. D C Monogr. Phanerog. I p 544

Surinam HOSTMANN 755 named *Guarea surinamensis* Miq. Mss

All tropical America.

Guarea pallida Cas D C. Flora Bras. XI. 1 p. 185.

Upper Tapanahoni River VERSTEEG 766 and 839 (fl. Aug.)

Rio de Janeiro

Guarea grandifolia D C. Prodr. I. 624

Paramaribo, near Poelepantje KEGEL 688 (fl. Febr.)

Para district, near plant la Recontre. FOCKE 787.

French Guyana.

Guarea Schomburgkii Cas D C. Monogr. Phan. I 565

Surinam. HOSTMANN 1161, named by Miquel *Guarea Kunthiana* Fuss.

British Guyana.

TRICHILIA Linn

Trichilia brachystachya Cas. D. C. Mon. Phan. I. 650.

Surinam HOSTMANN 347.

British Guyana, Venezuela

Trichilia euneura Cas. D. C. Monogr. Phan. I. 673

Surinam KAPPLER H. L. B. 903, 322—358

French Guyana.

Trichilia surinamensis (Miq) Cas. D. C. Mon. Phan. I. 679

Moschoxylon surinamense Miq. Stirp. Surin. Select. p. 73.

Surinam HOSTMANN 662.

Trichilia subsessilifolia Cas. D. C. Mon. Phan. I. 685

Marowynne River. KAPPLER ed. Hohenacker 2014 ex Cas. D. C. I. c

French Guyana

Trichilia Pöppigii Cas. D. C. Mon. Phan. I. 685.

Paramaribo. WULLSCHLÄGEL 1833 ex Cas. D. C. I. c

Northern Brazil.

Trichilia propinqua (Miq) Cas. D. C. Mon. Phan. I. 693.

Moschoxylon propinquum Miq. Stirp. Surin. Select. p. 74.

Surinam. HOSTMANN 1204.

British Guyana

Trichilia Maynasiana Cas. D. C. Mon. Phan. I. 700.

Lower Coppename River. WENT 107 (fl. Aug.)

Northern Brazil

Trichilia alternans Cas. D. C. Mon. Phan. I. 700.

Paramaribo WULLSCHLÄGEL 1333 ex Cas. D. C. I. c.

Amazon district.

SWIETENIA Linn

Swietenia Mahagoni Linn. Spec. plant. 548.

Surinam: SPLITGERBER 364 H. L. B. 905, 220—45 (fl. May)

Vernacular name: "Mahoni".

West-Indies, Peru.

CEDRELA Linn.

Cedrela odorata Linn. Spec. plant. 289.

Surinam. PLASSCHAERT

Vernacular name: "Ceder"

I am not quite certain about this species as fruits and flowers are wanting.

TRIGONIACEAE

TRIGONIA Aubl.

Trigonía villosa Aubl Plant. Guyan. I. 388 t. 149

Upper Gonini River VERSTEEG 121 and 153 (fl. Aug.)

Para district SPLITGERBER 1136 H. L. B 905, 220—77 (fl. Jan.)

Coppename River BOON 1069 (fl Aug.) and 1105 (fl. Sept.)

Surinam: KAPPLER H. L. B. 903, 322—363, NOLTE in Hb Gotting.
Guyana.

VOCHYSIACEAE.

VOCHYSIA Aubl.

Vochysia tetraphylla (G. W. F. Meyer) D. C. Prodr. III 27.

Cucullaria tetraphylla G. F. W. Meyer Flora Esseq. 12.

Upper Gonini River VERSTEEG 220 (fl. Sept.).

Upper Tapanahoni River. VERSTEEG 821 (fl. Aug.)

Cottica River: FOCKE 106 H. L. B. 905, 220-82 (Octob.).

Paramaribo: SPLITGERBER 136 H. L. B. 905, 220-80 (fl. Nov.), WENT 535 (fl. Octob.).

Para River, near Beekhuizen KEGEL 684 (fl. Febr.) and 943 (fl. July), named *Vochysia arcuata* Garcke Linnaea XXII p. 58

Upper Saramacca River PULLE 140 (fl. Jan.)

Coppename River BOON 1051 (fl. Aug.), 1084 (fl. Aug.) 1091 (fl. Sept.)

Surinam SPLITGERBER H. L. B. 905, 220-79, HOSTMANN H. L. B. 903, 322-345

Vernacular name "Kwale" or "Kwarie".

Guyana.

Vochysia tucanorum Mart. Nov. Gen. et Spec. I 142

Surinam: WULLSCHLAGEL ex Warm Flora Bras. XIII. 2 p. 90

Tropical Brazil

QUALEA Aubl.

Qualea coerulea Aubl. Plant. Guyan. I 7 t. 2

Upper Surinam River HOSTMANN and KAPPLER 1293 (fl. Dec.)

Surinam: HOSTMANN 1293

Guyana.

Qualea albiflora Warm Flora Bras. XIII 2 p. 36

Marowynne River KAPPLER ed. Hohenack 2037 (fl. Octob.)

POLYGALACEAE

POLYGALA Linn.

Polygala violacea Vahl Symb II 79

Savanne Kompas. WENT 385 (fl. Sept.)
Guyana, Brazil.

Polygala mollis H B K Nov. Gen. plant. V p 405.

Para district: SPLITGERBER 1006 H L B 905, 220—50 and 49
Surinam River, near Joden Savanne KEGEL 1123 (fl. Nov)
Saramacca River, near Saron. KEGEL 1423 (fl. May)
British Guyana, Venezuela

Polygala stipulata Chodat Monogr Polyg. II. 89

Surinam: HOSTMANN ex Chodat l c
French Guyana

Polygala galioides Poir. Dict V 503

Para district, near Savanne Berlijn. SPLITGERBER 747 (fl. March)
Central Brazil, French Guyana

Polygala Timoutou Aubl. Plant. Guyan. II t. 295.

Paradistrict near plant. Berlijn: SPLITGERBER 732 H. L. B. 905, 220—54
(fl. March)
Amazon district, Guyana.

Polygala trichosperma Linn Mant. 259

Surinam Dr VOLTZ; HOSTMANN 175 ex Chodat l c. 171.
British Guyana, Central Brazil.

Polygala adenophora D C Prodr I. 327.

Para district, near Onoribo SPLITGERBER 673 H. L. B. 905, 220—57
(fl. March); near plant Berlijn SPLITGERBER 707 H L B. 905,
220—56 (fl. March), near Post-Republiek: TULLEKEN H L B. 903,
322 -1447 (fl. Aug)
Saramacca River, near Saron. KEGEL 1262 (fl. May.)

Surinam FOCKE 170
Guyana Venezuela

Polygala variabilis H. B. K. Nov. Gen. et Spec. V. 397 t. 509

Para district, near Post Republiek TULLEKEN 197 H. L. B. 903, 322—
1126 (fl. Aug.)

Surinam River, near Joden Savanne KEGEL 1098 (fl. Nov.); FOCKE
1282 (fl. May) named *Polygala sororia* Miq. Stirp. Surin. Select. 32 t. 8.

Saramacca River, near Maripaston KEGEL 1298 and 1299 (fl. May).

Surinam: HOSTMANN 175a, KAPPLER ed. Hohenack 175a

Amazon district, Guyana, West-Indies

Polygala longicaulis H. B. K. Nov. Gen. et Spec. V. 396.

Para district, near Savanne Berlijn SPLITGERBER 708 H. L. B. 905, 220—
53 (fl. March).

Surinam River, near Joden Savanne FOCKE 1283 (fl. May.)

Saramacca River, near Saron: KEGEL 1280 (fl. May)

Surinam: HOSTMANN and KAPPLER 1673 named *Polygala diversifolia*
Miq. Linnaea XIX p. 128.

All tropical South-America

Polygala paludosa St. Hil. Flora Bras. mer. II. 8

Para district. KAPPLER 1511 named *Polygala modesta* Miq. Linnaea
XVIII p. 747.

All tropical America.

Polygala appressa Bth. Hook. Journ. of Bot. 100.

Surinam River, near Joden Savanne: KEGEL 1099 (fl. Nov.)

Surinam: HOSTMANN 630 named *Polygala Hostmanni* Miq. Stirp. Surin.
Select. 33, KAPPLER 1422.

var. *brachiata* Rchb.

Surinam: WEIGELT H. L. B. 905, 220—46.

BREDEMEYERA Willd.

Bredemeyera densiflora A. W. Benn. Flora Bras. XIII 3. p. 52.

var. *β. glabra* Benn. l.c.

Surinam: HOSTMANN 1152.

Amazon district, British Guyana.

SECURIDACA Linn.

Securidaca volubilis Linn. Spec. 992.

Lower Surinam River, near Vredenburgkreek: FOCKE 677 named
Rodschiedia surinamensis Miq. Linnaea XVIII p. 585.

Paramaribo. KEGEL 1251 (fl. Febr.), WENT 409 (fl. Octob.)

Para district, near Ononbo: SPLITGERBER 760 H. L. B. 905, 220—66
and 67 (fl. March)

Lower Commewyne River, near plant. Maasstroom. FOCKE 677
 Surinam · HOSTMANN H. L. B. 905, 220—65 and H. L. B. 903, 322—153
 Alt tropical South-America.

var. *β. mollis* Bennett Flora Bras XIII. 3 p 62

Securidaca mollis H. B. K Nov Gen. et Spec. V. 421.

Upper Tapanahoni River. VERSTEEG 921 (fl. Octob.)

Commewyne River. KAPPLER without number in Herb. Rheno-Traj.

Surinam KAPPLER ed Hohenack 1965, KAPPLER H. L. B. 903,
 322—451.

Tropical Brazil.

Securidaca pubescens D. C. Prodr I. 341.

Paramaribo : SPLITGERBER 93 H. L. B. 905, 220—62 and 63

Surinam : HOSTMANN 431 ex Bennett l. c. 64

Tropical Brazil, French Guyana, Guatemala

Securida Hostmanni Miq Stirp. Surin Select. p 30.

Lower Marowyne River, near Albina. VERSTEEG 534 (fl. July).

Upper Tapanahoni River VERSTEEG 883 (fl. Sept.)

Surinam River, near Bergendal · FOCKE 1162 (fl. Octob.)

Paulus kreek : FOCKE 1408 (fl. Sept.)

Upper Saramacca River PULLE 500 (fl. March).

Surinam HOSTMANN 1086

Amazon district, Guyana.

MONNINA Ruiz et Pav.

Monnina membranacea Miq Stirp. Surin. Select. p 30.

Lawa River VERSTEEG 76 (fl. Aug.)

Surinam : HOSTMANN 99.

MOUTABEA Aubl.

Moutabea guyanensis Aubl. Plant. Guyan. II. 679 t. 274

Surinam. WULLSCHLAGEL ex Eichler Flora Bras. VII. p. 15.

French Guyana

DICHAPETALACEAE.

TAPURA Aubl.

Tapura guyanensis Aubl Plant. Guyan. I 126 t. 48.

Marowyne River . KAPPLER ed Hohenacker 2114 (fl. Octob.)

Lawa River VERSTEEG 448 (fl. Dec.)

Gonini River VERSTEEG 187 (fl. Aug)

Commewyne River . KAPPLER without number in Hb Rheno-Traj

Lower Saramacca River . PULLE 95 (fl. Nov)

Surinam KAPPLER H. L. B. 903, 322—364

Amazon district, French Guyana.

EUPHORBIACEAE.

DISCOCARPUS Klotzsch.

- Discocarpus esseQUIBOENSIS** Klotzsch in Erichs Arch. 1841 p. 201
Tapanahoni River KAPPLER 2143 (fl. Octob.), KAPPLER H. L. B. 903,
322—381.
British Guyana

AMANOIA Aubl.

- Amanoa guyanensis** Aubl. Plant. Guyan. I 256 t. 101.
var α **genuina** Müll. arg. in D. C. Prodr. XV 2 p. 219.
Surinam HOSTMANN 1141 and 1180
Amazon district, French Guyana

PHYLLANTHUS Linn.

- Phyllanthus guyanensis** (Aubl.) Müll. arg. Flora Bras. XI. 2 p. 39.
Meborea guyanensis Aubl. Plant. Guyan. II. 825 t. 323.
Surinam. KAPPLER ed. Hohenacker 305 named *Phyllanthus attenuatus*
Miq. Linnaea XXI p. 479 and Stirp. Surin. Select. p. 100 t. 31a
WULLSCHLAGEL 1072 ex Müll. arg. 1 c
Guyana, Venezuela

Phyllanthus acuminatus Vahl Symb. 95

- Paramaribo SPLITGERBER 155 H. L. B. 904, 111—166 (fl. Dec.). FOCKE
1110; TULLBKEN 131 H. L. B. 903, 322—1485 (fl. Aug.)
Surinam HOSTMANN 413, KAPPLER ed. Hohenacker 1688, named by
Miquel *Phyllanthus piscatorum* H. B. K. HOSTMANN H. L. B. 903,
322—252; WEIGELT.
Tropical South-America.

Phyllanthus Schomburgkianus Müll. arg. in D. C. Prodr. XV 2. p. 387.

- Surinam River, near Brokopondo: WENT 504 (fl. Octob.)
var. γ . **acuminatus** Müll. arg. Linnaea XXXII 36.
Surinam River, near Bergendal: FOCKE 1157 and 1278 named by

Miquel, Stirp Surin. Select. p. 100 t. 318 *Phyllanthus guyanensis*
Klotzsch.

Guyana, Tropical Brazil

Phyllanthus hyssopifolius H. B. K. Nov. Gen. et Spec. II. 108.

Surinam: WULLSCHLÄGEL 458 ex Muller arg. Flora Bras. XI. 2 p. 52.

Tropical Brazil, Venezuela, French Guyana.

Phyllanthus lathyroides H. B. K. Nov. Gen. et Spec. II. 110.

var. β *genuinus* Müll. arg. Linnaea XXIII p. 42

Paramaribo: FOCKE 1379 (fl. June)

Surinam WULLSCHLÄGEL 1552 ex Muller arg. Flora Bras. XI. 2. p. 52.

forma *purpurascens* Müll. arg. in D. C. Prodr. XV. 2 p. 404.

Surinam. WULLSCHLÄGEL 1071 ex Mull. arg. Flora Bras. XI. 2. p. 52.

Tropical South-America.

Phyllanthus Niruri Linn. Spec. pl. p. 1392.

Upper Tapanahoni River, near Drie-Tabbetje. VERSTEEG 693 (fl. July).

Paramaribo: SPLITGERBER 367 H. L. B. 904, 117—29 (fl. Dec.)

Vernacular name "Bita-wiwiric" (Splitgerber) or "Finie-bita" (Versteeg).

All tropical countries.

Phyllanthus diffusus Klotzsch in Seem. Bot. Heral. p. 105.

var. β *oblongifolius* Müll. arg. in D. C. Prodr. XV. p. 410.

Saramacca River, near Maripaston: KEGEL 1300 (fl. May)

Surinam: WULLSCHLÄGEL 457 ex Mull. arg. Flora Bras. XI. 2 p. 55

var. α *genuinus* Müll. arg. in D. C. Prodr. XV. 2 p. 409.

Lawa River VERSTEEG 115 (fl. Aug.)

Lower Surinam River, near plant Jagtlust. WENT 70 (fl. Aug.)

Paramaribo: TULLEKEN 40 H. L. B. 903, 322—1309

Para River, near Post-Republiek TULLEKEN 202 H. L. B. 903,
322—1130 (fl. Aug.)

Saramacca River, near Maripaston. PULLE 72 (fl. Nov.)

Upper Nickerie River TULLEKEN 432 H. L. B. 903, 322—1578 (fl. Sept.)

Surinam: WULLSCHLÄGEL 456, FOCKE without number named by Miquel:

Phyllanthus microphyllus H. B. K.

Vernacular name: "Djari bita" (Tulleken) or "Finie Bita" (van Hall).

Tropical South-America

Phyllanthus orbiculatus L. C. Rich. Act. Soc. hist. nat. Par. 1792 p. 113

var. α *genuinus* Müll. arg. Flora Bras. XI. 2 p. 62

Surinam River, near Albina: VERSTEEG 24.

Para district, near Post-Republiek TULLEKEN 213 H. L. B. 903, 322
—1139 (fl. Aug.)

Surinam. KAPPLER 1821; WULLSCHLÄGEL 459 ex Müll. arg. l. c. 62.

Vernacular name: "Man-bita".

Tropical Brazil, Venezuela, French Guyana.

Phyllanthus nobilis (Linn. f.) Müll. arg. Prodr. XV. 2 p. 414.

Margaritaria nobilis Linn. f. Suppl. 428.

Surinam: SPLITGERBER 352 H. L. B. 904, 111—238, named *Cicca guyanensis* Splitg. Mss

var. α . **genuinus** Müll. arg. in D. C. Prodr. XV. 2 p. 414

Surinam. DALBERG, HOSTMANN 415, 612, 1060, named *Cicca surinamensis* Miq. Flora 1848 p. 479; KAPPLER 1567, 1625.

HIERONYMIA Allem

Hieronymia laxiflora Müll. arg. in Linnaea XXXIV. p. 67.

Surinam: HOSTMANN 391.

Amazon district, Guyana, Columbia

CROTON Linn.

Croton cuneatus Klotzsch in Hook. Lond. Journ. of Botan. II. 49.

Para district, WULLSCHLÄGEL 1074

Upper Saramacca River: PULLE 466 (fl. March)

Surinam: KAPPLER 1505; FOCKE.

Amazon district, British Guyana.

Croton matourensis Aubl. Plant. Guyan. II. 879 t. 338.

Para River, near Onoribo SPLITGERBER 616 H. L. B. 903, 156—480 (fl. March)

Surinam River, near Blauwe Berg SPLITGERBER 930 H. L. B. 903, 156—481 (fl. May).

French Guyana, Amazon district.

Croton lobatus Linn. Spec. pl. I. p. 1005.

var. β . **genuinus** Müll. arg. Prodr. XV. 2 p. 667.

Paramaribo FOCKE 1332 (fl. Nov.), TULLEKEN 97 H. L. B. 903, 322—1376 (fl. July).

Surinam: KAPPLER 1573, named *Cnidoscotus surinamensis* Miq. Linnaea XVIII p. 749 and XXI p. 476; WULLSCHLÄGEL 464 and 999 ex Müll. arg. Flora Bras. XI. 2 p. 240.

All tropical South-America

Croton glandulosus Linn. Amoen. Acad. V. p. 409.

var. α . **hirtus** Müll. arg. Prodr. XV. 2 p. 684

Marowynne River, near Albina. VERSTEEG 527 (fl. July)

Paramaribo FOCKE 1293 H. L. B. 903, 156—395, FOCKE 777

Para district. VERSTEEG 504 (fl. June).

Saramacca River: PULLE 107 (fl. Dec)

Surinam · FOCKE 1207; SPLITGERBER H. L. B. 903, 156—634; KEGEL without number; WULLSCHLAGEL 462.

Tropical South-America.

var *scordioides* Müll. arg. in D. C. Prodr. XV. 2 p. 683

lusus: *surinamensis* Gelsel *Crot. Monogr* p 64

Surinam, without collectors name ex Mull. arg. *Flora Bras.* XI 2. p 270

***Croton chamaedryfolius* Griseb.** *Flora Brit West Ind. Islands.* p. 41.

Marowync River, near Albina. TULLEKEN 590 H. L. B. 903, 322—1204 (fl. Nov.)

Lawa River, near Cottica VERSTEEG 287 (fl. Octob.)

Paramaribo. SPLITGERBER 215 H. L. B. 903, 156—575 and 577 (fl. Dec.);

TULLEKEN 109 H. L. B. 903, 322—1463 (fl. Aug.); near Poelepantje.

KEGEL 310 (fl. July).

Para district, near Onoribo FOCKE 875 (fl. March), near Post Republiek, TULLEKEN 203 H. L. B. 903, 322—1131 (fl. Aug.)

Upper Surinam River FOCKE 1302 (fl. May.)

Surinam. KAPPLER 1417, WULLSCHLAGEL 463; HOSTMANN H. L. B. 903, 322—53

Tropical South-America

***Croton Hostmanni* Miq.** *Linnaea* XXI. p. 477.

Surinam: HOSTMANN 1106.

CAPERONIA St Hil

***Caperonia palustris* St Hil.** *Plant. remarq.* 245.

Paramaribo · TULLEKEN H. L. B. 903, 322—1484 (fl. Aug.); WENT 287 (fl. Aug.)

Para district SPLITGERBER 1140 H. L. B. 903, 155—365 (fl. May)

Surinam River, near plant. Zwarigheid FOCKE 19 (fl. Octob.) H. L. B. 903, 155—366.

Surinam FOCKE 532, HOSTMANN H. L. B. 903, 322—318.

Vernacular name "Torn-man" (Went).

Tropical South-America

***Caperonia castaneaefolia* St Hil.** *Pl. remarq.* 245.

Surinam River, near Blanwe Berg SPLITGERBER 939 H. L. B. 903, 156—257 (fl. May), named *Croton aculeatus* Splitg. Mss.

Upper Surinam River FOCKE 338 named *Acantopyxis crotonoides* Miq. Mss.

Surinam. HOSTMANN without number.

Tropical South-America

CONCEVEIBA Aubl.

***Conceveiba guyanensis* Aubl.** *Plant. Guyan.* II. 924 t. 353.

Lower Saramacca River, near Maripaston · KEGEL 1318 (fl. May)

Surinam · WULLSCHLÄGEL 1331.

Amazon district, Guyana

Conceveiba Hostmanni Bth. in Hook. Journ. of Botan. 1854 p. 332.

Upper Saramacca River, near Janbasigado · PULLE 153 (fl. Jan.)

Surinam · HOSTMANN 1261.

ALCHORNEA Sw.

Alchornea cordata (Juss) Müll. arg in D. C. Prodr. XV. 2 p. 901.

Conceveibum cordatum Juss. Tent. Euphorb. 43 t. 13.

Surinam: WULLSCHLÄGEL 1662 ex Müll. arg Flora Bras. XI. 2 p. 376.

Tropical Brazil, Guyana.

ACALYPHA Linn

Acalypha macrostachya Jacq Hort. Schönbr. II. 63

var. *tristis* Müll. arg Flora Bras. XI. 2 p. 345.

Surinam WULLSCHLÄGEL 774 ex Müll. arg l. c.

Tropical South-America.

Acalypha scandens Bth. in Hook Journ. of Bot. 1854 p. 329

Surinam River, near Blauwe Berg · SPLITGERBER 915 H. L. B. 903,
153—202 (fl. May)

Lower Saramacca River, near Mindrinetti · PULLE 43 (fl. Nov.)

Upper Coppename River · BOON 1060 (fl. Aug.)

Surinam · HOSTMANN 990; HOSTMANN 818 in Hb. Götting.

Amazon district, British Guyana.

Acalypha diversifolia Jacq Hort. Schönbr. II. 63 t. 244

Tapanahoni River · KAPPLER ed Hohenack 2074 named *Acalypha*
leptostachya H. B. K.

Tropical South-America

TRAGIA Linn.

Tragia volubilis Linn Spec. plant. Ed. I p. 980

Upper Surinam River, near Bergendal · FOCKE 992 (fl. May).

Tropical South-America.

PLUKENETIA Linn.

Plukenetia verrucosa Smith Nova Acta Upsal. VI. 4.

Surinam · WULLSCHLÄGEL 840; DALBERG ex Linn. f. Suppl. 421.

Amazon district, French Guyana.

DALECHAMPIA Linn.

Dalechampia scandens L Syst. ed. 13 p. 720

Marowynne River, near Albina · TULLEKEN 594 H. L. B. 903, 322—1208
(fl. Sept.)

Paramaribo, near plant. Nicuwe Grond. SPLITGERBER 821 H. L. B. 903,
157—61 (fl. April.)

Surinam: KAPPLER ed. Hohenacker 1888; HOSTMANN H. L. B. 903,
322—188

Tropical South-America

Dalechampia dioscoreaefolia Pöpp. et Endl. Nov. Gen. III. 20.

Lawa River · KAPPLER ed. Hohenack. 143 (fl. Nov.) named *Dalechampia
nitidula* Steud.

Upper Saramacca River · PULLE 159 (fl. Jan.)

Surinam · HOSTMANN 152, KAPPLER H. L. B. 903, 322—449

Peru, New-Granada

Dalechampia micrantha Pöpp. et Endl. Nov. Gen. III. p. 19. t. 222

Surinam · KAPPLER 1889 ex Müll. arg. Prodr. XV. 2. p. 1253

Amazon district, British Guyana.

RICINUS Linn.

Ricinus communis Linn. Spec. plant. Ed. I. p. 1007.

Lawa River, near Cottica: VERSTEEG 293 (fl. Octob.)

Paramaribo · TULLEKEN 24 H. L. B. 903, 322—1193, 1269 and 1497
(fl. July).

Upper Saramacca River, near Pakka-Pakka · PULLE 185 (fl. Jan.)

Vernacular name "Krapata"

Cultivated in all tropical countries.

JATROPHA Linn.

Jatropha Curcas Linn. Spec. plant. I. p. 1006.

Lawa River, near Poeloemoffo · VERSTEEG 445 (fl. Dec.)

Paramaribo: SPLITGERBER 172 H. L. B. 904, 75—321 (fl. Nov.) named
Curcas lobata Splitg. in sched.

Vernacular name "Schijtnooten" (Splitg.)

All tropical America

Jatropha gossypiiifolia Linn. Spec. pl. ed. I. p. 1006.

var. β *staphysagrifolia* Müll. arg. Flora Bras. XI. 1. p. 491.

Paramaribo · SPLITGERBER 74 H. L. B. 904, 75—335 (fl. Nov.)

Surinam: KAPPLER 629e in Herb. Götting.

var. γ . *elegans* Müll. arg. l. c.

Paramaribo: SPLITGERBER 16 H. L. B. 904, 75—344 (fl. Dec.)

Surinam: HOSTMANN 490.

All tropical America and Africa.

Jatropha multifida Linn Spec. plant. ed. I. p. 1006.

Surinam. SPLITGERBER 433 H. L. B. 904, 75—371 (fl. Dec.)

Cultivated in gardens

Tropical America

MANIHOT Adans.

Manihot utilisima Pohl Plant Bras. I 32 t 24

Lawa River VERSTEEG 145 (fl. Aug.)

Upper Litani River. VERSTEEG 419 (fl. Dec.)

Upper Tapanahoni River: VERSTEEG 801 (fl. Sept.)

Paramaribo KEGEL 739 (fl. Febr.)

Para district, near Post Republiek: TULLEKEN 192 H. L. B. 903, 322—1431 (fl. Aug.)

Nickerie: TULLEKEN 314 H. L. B. 903, 322—1049 (fl. Sept.)

Surinam HOSTMANN 891; HOSTMANN H. L. B. 903, 322—68.

Vernacular name: "Bittere Cassave"

Cultivated in all tropical countries.

Manihot palmata Müll. arg. in D. C. Prodr. XV. 2 p. 1062.

var. γ **Aipi** Müll. arg. l. c.

Surinam: SPLITGERBER 277 H. L. B. 904, 105—408 (fl. Dec.)

Vernacular name "Zoete Cassave"

Tropical South-America.

SAGOTIA Baill.

Sagotia racemosa Baill. Rec. I. 54.

var. α . **ligularis** Müll. arg. in D. C. Prodr. XV. 2 p. 1113.

Surinam HOSTMANN 1156 p. p.

var. β . **genuina** Müll. arg. l. c.

Surinam. HOSTMANN 115, 1156 pp.

British Guyana

OMPHALEA Linn

Omphalea diandra Linn. Spec. pl. 1377.

var. β . **genuina** Müll. arg. in D. C. Prodr. XV. 2 p. 515.

Upper Tapanahoni River. VERSTEEG 812 (fl. Aug.)

Surinam. WULLSCHLAGEL 1314 ex Müll. arg.

Amazon district, French Guyana, Peru, West-Indies

MABEA Aubl.

Mabea Taquari Aubl. Plant. Guyan. II. 870 t 334.

Upper Tapanahoni River. VERSTEEG 836 (fl. Aug.)

Lower Saramacca River. PULLE 59 (fl. Nov.)

Upper Saramacca River · PULLE 409 (fl. Jan.)
Amazon district, Guyana, Venezuela

Mabea Piriri Aubl. Plant. Guyan. II. 867 t. 334.

Marowyne River, near Galibi · WENT 415 (fl. Octob.)

Surinam River · HOSTMANN and KAPPLER ed Hohenacker 1320 (fl Dec),
near Bergendal: FOCKE 1298 (fl. May).

Lower Saramacca River · PULLE 67 (fl. Nov.)

Upper Coppename River · BOON 1059 and 1094 (fl. Sept.)

Upper Nickerie River: TULLEKEN 364 H. L. B. 903, 322—1105 (fl. Sept.)

Surinam · HOSTMANN 409; HOSTMANN and KAPPLER 1362.

Vernacular name · "Pipa tikie" (Boon).

SEBASTIANIA Spreng

Sebastiania corniculata Müll. arg Prodr. XV 2 p 1168

Marowyne River: KAPPLER ed. Hohenacker 1886 (fl Aug) named by
Miquel *Microstachys guyanensis* Klotzsch

Para district, near Onoribo · SPLITGERBER 666 H. L. B. 904, 120—45
(fl. March) and SPLITGERBER 667 H. L. B. 904, 120—65.

All tropical America.

EXCOECARIA Linn.

Excoecaria biglandulosa (L.) Müll. arg in D. C. Prodr. XV. 2 p 1204

Surinam · FOCKE, named by Miquel Linnaea XXI p. 475 · *Sapum Hippomane* Mey.

Tropical South-America.

MAPROUNEA Aubl.

Maprounea guyanensis Aubl. Plant Guyan. II 895 t 342

Surinam · HOSTMANN 996; WULLSCHLAGEL 1551, ex Mull arg Flora
Bras XI 2 p 544

Tropical Brazil, Guyana, New-Grenada

HURA Linn.

Hura crepitans Linn. Spec plant. 1431.

Paramaribo · SPLITGERBER 132 H. L. B. 904, 75—281 (fl. Nov)

Surinam River, near Post Oranjewoud · FOCKE 686 (fl. Octob)

Surinam: KAPPLER 1719.

Vernacular name · "Postentrie"

All tropical America

ACTINOSTEMON Klotzsch.

Actinostemon concolor Müll arg Flora Bras. XI 2 p. 593.

Upper Tapanahoni River, near Mount Kassikassima · VERSTEEG 902
(fl Sept)
Tropical Brazil

EUPHORBIA Linn.

Euphorbia cotinoides Miq Stirp Surin Select. 96
Lower Surinam River, near Albina: VERSTEEG 549 (fl July)
Surinam KAPPLER ed Hohenacker 1669 (fl Febr)
Vernacular name: »Gunapalu» (Kappler) or »Koenaparoe» (Versteeg)
Amazon district, British Guyana, Peru.

Euphorbia brasiliensis Lam. Dict II 423.
Marowyne River · KAPPLER ed. Hohenacker 1820 (fl July), named
Euphorbia Klotzschiana Miq Stirp Surin Select 95 t 28; near
Albina VERSTEEG 23 (fl July); near Galibi · WENT 416 (fl Octob)
Tropical South-America.
var β **pulchella** Boiss. in D. C. Prodr. XV. p. 24
Lower Commewyne River: FOCKE 253 (fl. Octob)
Amazon district, British Guyana, Venezuela

Euphorbia prostrata Ait. Hort. Kew. II 139
Surinam · WEIGELT, WULLSCHLAGEL 1077.
Tropical America and Africa.

Euphorbia thymifolia Burm. Fl. Ind. 2.
Gonini River · VERSTEEG 205
Commewyne River, near plant Marienburg · WENT 274
Saramacca River PULLE 50
Surinam · HOSTMANN H L B 903, 322—50, Kegel without number
Vernacular name: »Melki-wiwine».
All tropical countries.

Euphorbia adenoptera Bertol Misc. Bot III 436.
Nickerie · TULLEKEN 317 H L B 903, 322—1069
Surinam KAPPLER H. L. B. 903, 322—520
Vernacular name: »Melki-wiwine» (Tulleken).
All tropical America.

Euphorbia pilulifera Linn Amoen Acad. III. 114
Paramaribo · FOCKE; TULLEKEN 12 H. L. B 903, 322—1314. (fl June);
WENT 17 (fl. July).
Para district, near Onoribo · FOCKE 877 (fl. March)
Saramacca River · PULLE 109 (fl Dec)
Surinam FOCKE 1272, WEIGELT.

Vernacular name : »Sabana merki-wiwiric »

All tropical America.

Euphorbia hypericifolia Linn. Hort. Cliff. 198

Surinam · KAPPLER 1585 ; HOSTMANN H. L. B 903, 322 — 204 ; WEIGELT
ex Boissier Prodr. XV. 2 p 23.

Tropical America.

PEDILANTHUS Neck.

Pedilanthus retusus Bth. in Hook. Kew. Journ VI 321.

Saramacca River, near Groningen · WENT 158 (fl. Aug.).
Amazon district.

ANACARDIACEAE.

MANGIFERA Linn.

Mangifera indica Linn. Spec. 210

Paramaribo: KEGEL 123 (fl. July), FOCKE 919.

Vernacular name »Manja»

Cultivated in all tropical countries.

ANACARDIUM Linn.

Anacardium occidentale L. Spec. pl. 548.

Marowynne River WENT 466 (fl. Oct.)

Gonini River: VERSTEEG 129 (fl. Aug.)

Surinam River, near Joden Savanne: KEGEL 182 (fl. July), FOCKE 449 b (fl. Oct.)

Saramacca River WENT 224 (fl. Aug.)

Nickerie: TULLEKEN 280 H. L. B. 903, 322—1225.

Surinam. HOSTMANN H. L. B. 503, 322—276; HOSTMANN and KAPPLER ed Hohenacker 644 (fl. Aug.)

Vernacular name »Kasjoe» or »Kasjoema»

Cultivated in all tropical countries.

SPONDIAS Linn

Spondias lutea Linn. Spec. 613.

Upper Litanie River. VERSTEEG 367 (fl. Nov.)

Upper Tapanahoni River VERSTEEG 755 (fl. Aug.)

Paramaribo: SPLITGERBER 35 H. L. B. 897, 365—54 (fl. Oct.-Nov.), WULLSCHLAGEL 930.

Vernacular name »Mompe» or »Mope».

Tropical America, Western Africa, Java.

Spondias dulcis Forst Prodr. 198.

Cultivated in the colony.

Vernacular name, »Fransi Mope» or »Pomme de Cythere»

All tropical countries.

TAPIRIRA Aubl.

Tapirira guyanensis Aubl. Plant. Guyan L. 470 t. 188

Paramaribo WULLSCHLAGEL 1675.

Upper Surinam River, near Bergendal: FOCKE 1160 (fl. Octob.)

Lower Commewyne River FOCKE 1329 (fl. May)

Surinam SPLITGERBER 1043 H. L. B. 897, 365—78 (fl. May); HOSTMANN
368, 604a and 853

All tropical South-America

AQUIFOLIACEAE

ILEX Linn

Ilex guyanensis (Aubl) O. Ktze Revisio gen plant

Macoucoua guyanensis Aubl. Plant Guyan I. 88 t 34

Paramaribo SPLITGERBER 606 (fl. Febr) ex de Vriese Ned Kruidk
Archief. I p. 314, KEGEL 415 ex Garcke Linnæa XXII p. 58.

Surinam HOSTMANN and KAPPLER 1085; HOSTMANN 500 and 675,
KAPPLER H. L. B 903, 322—486.

Guyana

Ilex inundata Pöpp ex Reiss. Flora Bras XI. 1 p 43.

Upper Litanié River. VERSTEEG 414 (fl. Dec)

Amazon district

CELASTRACEAE.

MAYTENUS Feuille

Maytenus pruinosa Reiss. Flora Bras. XI. 1. p. 20
Surinam: HOSTMANN and KAPPLER 1183

Maytenus myrsinoides Reiss. Flora Bras. XI. 1. p. 21
Upper Tapanahoni River: VERSTEEG 619 (fl. and fr. July)
Surinam: HOSTMANN 802

Maytenus oblongata Reiss. Flora Bras. XI. 1. p. 25.
Para district, near plant Berlijn WULLSCHLAGEL ex Reissek. l. c.

GOUPIA Aubl.

Goupia glabra Aubl. Plant. Guyan. I. 295 t. 116
Upper Tapanahoni River: VERSTEEG 858 (fl. Sept.)
Surinam: HOSTMANN 1026
Vernacular name: „Kopie”
Guyana.

HIPPOCRATEACEAE.

HIPPOCRATEA Linn.

Hippocratea ovata Lam. Enc XXII. p. 100.

Tapanahoni River KAPPLER ed Hohenacker 2124 (fl. Sept.); VERSTEEG 648 (fl. July).

Lawa River · VERSTEEG 118 (fl. Aug.)

Upper Cottica River: FOCKE 702 (fl. Octob.)

Paramaribo: KEGEL 259 and 268 (fl. Aug.)

Lower Coppename River. WENT 127 and 139 (fl. Aug.)

Upper Coppename River. BOON 1081 and 1092 (fl. Aug.)

Surinam HOSTMANN 132, 987, 1086 and 1087, HOSTMANN H. L. B. 903, 322—103; KAPPLER H. L. B. 903, 322—478 and 481; FOCKE 1381; SPLITGERBER 819 H. L. B. 899, 174—455 (fl. April); WULL-SCHLÄGEL 751, 1383 and 1384 ex Peyritsch Flora Bras. XI. 1 p. 13.
All tropical America

Hippocratea floribunda Bth Bot. Sulph. 78.

Surinam: KAPPLER ed. Hohenack. 2032.

Amazon district, British Guyana

Hippocratea Kappleriana Miq. Linnaea XXVI. p. 220.

Marowyne River · KAPPLER ed. Hohenacker 1972.

SALACIA Linn.

Salacia laevigata D. C Prodr. I. 590.

Tapanahoni River. VERSTEEG 645 (fl. July).

Amazon district, British Guyana.

Salacia costata Miq. Mss. in Hb. Rheno-Traject.

Salacia macrophylla Miq. (*non Blume*) Stirp. Surin. Select. 85 t. 23.

Marowyne River · KAPPLER ed. Hohenack. 1806 (fl. Aug.)

Tapanahoni River, near Drie Tabbetje: VERSTEEG 705 (fl. July).

Surinam · KAPPLER H. L. B. 903, 322—362.

ICACINACEAE.

PORAQUEIBA Aubl.

Poraqueiba surinamensis Miers Contribut. to Bot. I. p 72

Surinam: HOSTMANN 1209 named by Tulasne, Ann. Scienc. nat ser. 3

XI p. 170: *Poraqueiba guyanensis* Aubl.

SAPINDACEAE.

SERJANIA Schum

Serjania pedicellaris Radlk. Monogr. der Gatt. *Serjania* p. 124 No 23.
Upper Tapanahoni River, near Drietabbetje · VERSTEEG 683 (fl July)
Surinam River, near Blauwe Berg : SPLITGERBER 1099 H L. B 905,
237—57 (fl. May).

Saramacca River : KEGEL 263 (fl. May)

Surinam. NOLTE in Hb. Gött., HOSTMANN 1044 and 826 and 268 (p p.)
ex Radlk. l. c

French Guyana.

Serjania membranacea Splitg in Tijdschrift Nat Geschied en Phys
IX p 105.

Para district : SPLITGERBER 992 H, L. B. 905, 237—58 (fl et fr. May).

Surinam HOSTMANN 268 (p. p.).

Saramacca River : WULLSCHLAGEL 922

Serjania paucidentata D. C. Prodr. L p. 603.

Lawa River · KAPPLER ed. Hohenacker 2129 (fl Octob.)

Paramaribo . KAPPLER 1674 (fr. Jan) ; near Beekhuizen . WULLSCHLÄGEL
921.

Para district HOSTMANN and KAPPLER 1243 (fl. Aug.).

Lower Commewyne River, near plant. Nieuwe-Grond . FOCKE 693
(fl Octob.)

Surinam · FOCKE 119 ; HOSTMANN 998.

Tropical Brazil, Trinidad, Guyana.

Serjania oblongifolia Radlk Monogr der Gatt. *Serjania* p. 219 No. 68.

Surinam . DUMORTIER without number.

British Guyana

PAULLINIA Linn.

Paullinia pinnata Linn. Spec. pl Ed. I. p. 366

Paramaribo . SPLITGERBER 70 H. L. B. 905, 237—52, 55 (fl. Nov) ;

KEGEL 71 (fr. July) , WENT 259 (fl. Aug) ; WENT 534 (fr. Octob.).

Surinam River, near Joden Savanne · KEGEL without number

Paulus-kreek · FOCKE 220 (fl. Sept.)

Upper Commewyne River: FOCKE 220 (fl. Aug.) named *Paullinia diversiflora* Mig in Tijdschrift Nat. Geschied. en Phys. X. p. 87.

Saramacca River: PULLE 47 (fl. Nov.)

Surinam. HOSTMANN and KAPPLER 1211; HOSTMANN H. L. B. 903. 322—

11, named *Paullinia Hostmanni Steud* Flora 1843 p. 75, WULLSCHLÄGEL

59, SPLITGERBER without number.

Tropical America and Africa.

***Paullinia venosa* Radlk** Monogr. der Gatt. *Paullinia* p. 230 no. 57.

Lawa River · KAPPLER ed. Hohenacker 2131 (fl. Octob.)

Tropical Brazil.

***Paullinia fuscescens* H. B. K.** Nov. Gen. et spec. V. 120

Paramaribo · FOCKE 1039 named by Miquel · *Paullinia micropterygia*

Mig in Tydschr. Nat. Geschied. en Phys. X. p. 89, SPLITGERBER 82

H. L. B. 905, 237—47 (fl. Nov.); WENT 410 (fr. Octob.)

Cottica district, near plant. Sordan: FOCKE 524 and FOCKE 16 H. L. B.

905, 237—48.

Surinam: WULLSCHLÄGEL 60; KAPPLER ed. Hohenack. 1601.

Tropical America.

***Paullinia sphaerocarpa* Rich.** Ann. Mus. Par. IV. 348.

Surinam KAPPLER ed. Hohenacker 2128

Guyana, West-Indies.

URVILLEA Kunth

***Urvillea ulmacea* H. B. K.** Nov. Gen. et Spec. V. p. 82.

Gonini River VERSTEEG 167 (fl. and fr. Aug.)

All tropical countries.

CARDIOSPERMUM Linn.

***Cardiospermum Halicacabum* L.** Spec. plant. Ed. I. p. 366

Marowynne River, near Albina · WENT 442

Surinam River, near plant. Zwaarigheid: FOCKE 529

Paramaribo: WENT 10; KEGEL 433, FOCKE 845.

Nickerie: TULLEKEN 283 H. L. B. 903, 322—1224 and TULLEKEN 533

H. L. B. 903, 322—942.

Surinam: TULLEKEN 70 H. L. B. 903, 322—1350

Vernacular name 'Kerstmisbloem'.

All tropical countries.

TOULICIA Aubl.

***Toulicia guyanensis* Aubl.** Plant. Guan. I. 359 t. 140.

Paulus kreek: FOCKE 1405.

Upper Saramacca River PULLE 437 (fl and fr. Febr.)

Surinam HOSTMANN 596.

French Guyana.

MELICOCCA Linn

Melicocca bijuga Linn Spec. plant Ed. II. p. 495

Paramaribo, cultivated in gardens FOCKE 1431

Surinam · SPLITGERBER 1039.

Vernacular name »Knippen».

Tropical South-America.

TALISIA Aubl

Talisia hemidasya Radlk in Sitzungsber Kön. Bayr. Acad. VIII. p. 349.

Surinam HOSTMANN 1274 named *Sapindus surinamensis* Turcz in Bull Moscou XXXI p 402

British Guyana.

Talisia megaphylla Sagot Ann. Scienc. nat VI ser XII p. 196.

Paramaribo, near Beekhuizen · KEGEL 980 (fl Aug.) named by Miquel in Linnaea XXII p. 71: *Talisia glabra* D C.

Guyana.

CUPANIA Linn.

Cupania scrobiculata L. C Rich. Act Soc Hist nat de Par I. p. 109.

Para district, near plant. Berlyn SPLITGERBER 714 H L B 905, 237—43 (fr March), named *Cupania reticulata* Splitg. in Tijdschr nat. geschied en phys. IX. p 106

Surinam River, near Station Victoria: KAPPLER ed Hohenacker 1377 named by Miquel Stirp. Surin. Select. p. 70: *Cupania subrepanda* Mart. forma *glabrrior*.

Surinam · HOSTMANN 1310, named *Cupania porosa* Mig. Stirp Surin Select. p 70, HOSTMANN 295 named *Cupania guyanensis* Mig. Stirp Surin Select. p 71; Dr. NOLTE without number in Herb. Gotting Northern Brazil, Guyana.

Cupania hirsuta Radlk. in Sitzungsber Acad Munch. IX 565.

Upper Saramacca River PULLE 486 (fl March).

Guyana.

Cupania diphylla Vahl Eclog III. 9.

Gonini River · VERSTEEG 158 (fl. Aug.)

Guyana.

VOUARANA Aubl.

Vouarana guyanensis Aubl. Plant. Guyan II. Suppl. p. 12 t. 374.

Paloemeu River: VERSTEEG 885 (fl. Sept.)

Amazon district, French Guyana

MATAYBA Aubl.

Matayba arborescens (Aubl.) Radlk in Sitzungsber Kön. Bayr. Acad. IX p. 535

Sapindus arborescens Aubl. Plant. Guyan. I. p. 357. t. 139.

Marowynne River. KAPPLER ed. Hohenack 1829 (fl. Sept.) named by Miquel: *Thouinia polygama* G. F. W. Meyer

Surinam River, near Blauwe Berg. SPLITGERBER 922 H. L. B. 905, 237—40 (fl. May), WULLSCHLAGEL 924

Para district, near plant. Berlijn. WULLSCHLAGEL 1696.

Surinam River, near Joden Savanne. KEGEL 1194 (fr. Nov.)

Upper Saramacca River, near Janbasigado. PUILLE 137 (fl. Jan.)

Surinam. HOSTMANN and KAPPLER 600a named *Cupania Aubletii* Miq. Stirp. Surin. Select p. 67 t. 17 and 18, FOCKE 1224 and 1239, near plant. Poelwijk. SPLITGERBER 811 H. L. B. 905, 237—41 (fl. May), WULLSCHLAGEL 2033

Amazon district, Guyana, Trinidad, St. Vincent.

Matayba laevigata (Miq.) Radlk. Sitzungsber. Kön. Bayr. Acad. IX. p. 535

Cupania laevigata Miq. Stirp. Surin. Select p. 72 p. p.

Surinam. HOSTMANN 1037, HOSTMANN H. L. B. 903, 322—306; KEGEL 268

Matayba opaca Radlk. Sitzungsber. Kön. Bayr. Acad. IX. p. 536.

Pamaribo: KAPPLER 744, named *Cupania laevigata* Miq. p. p. (fl. Sept.)

Surinam: HOSTMANN 1279

British Guyana.

Matayba camptoneura Radlk. in Sitzungsber. Kön. bayr. Acad. IX. p. 535.

Upper Coppename River. BOON 1056, 1110, 1130 (fl. et fr. Aug.—Sept.)

Vernacular name: "Koenatjeppi".

British Guyana.

Matayba guyanensis Aubl. Pl. Guyan. I. 331 t. 128.

Upper Litanie River, near Mount Knopaiamoi. VERSTEEG 402 (fl. Dec.)

Lawa River: VERSTEEG 438 (fl. et fr. Dec.)

Guyana, Tropical Brazil, Peru

PSEUDIMA Radlk.

Pseudima frutescens (Aubl.) Radlk. in Congresso di Palermo 1875 p. 23

Sapindus frutescens Aubl. Plant. Guyan. I. 355 t. 138

SAPINDACEAE

Paloemeu River · VERSTEEG 877 (fl. Sept)
Amazon district, French Guyana

DODONAEA Linn.

***Dodonaea viscosa* Jacq.** Enum. Pl. Carib p 19.
Surinam : HOSTMANN 1305.
All tropical countries.

RHAMNACEAE.

GOUANIA Linn.

Gouania corylifolia Raddi ex D C Prodr. II. p. 39

Lower Saramacca River, near plant Hamburg: SPLITGERBER 848 (fl Apr.)
Tropical Brazil.

VITACEAE.

CISSUS Linn

Cissus sicyoides Linn. Syst 133.

Gonini River . VERSTEEG 58 (fl Aug)

Tapanahoni River . VERSTEEG 676 (fl July)

Paramaribo . KEGEL 361 (fl July).

Lower Surinam River TULLEKEN 159 H L. B 903, 322—1179 (fl Aug.)

Para district . SPLITGERBER 1142 H L. B. 897, 347—77 (fl March)

Upper Saramacca River PULLE 178 (fl Jan.) and 94 (fl Nov.)

Upper Coppename River BOON 1070 (fl Aug.) and 1255 (fl. Octob)

Nickerie : TULLEKEN 301 H. L. B 903, 322—1595 (fl. Aug)

Upper Nickerie River : TULLEKEN 424 H L. B. 903, 322—1524 (fl Sept.)

Surinam . WULLSCHLÄGEL 65 ex Planchon Monogr Phanerog. V 527,
HOSTMANN 210.

Vernacular name . »Boenhata mama”.

All tropical America

Cissus erosa L. C. Rich. in Act. Soc Hist. nat. Par. p. 106.

Gonini River : VERSTEEG 59 (fl. Aug.)

Paramaribo . TULLEKEN 120 H L B. 903, 322—1474 (fl Aug)

Surinam River, near plant. Beekhuizen KEGEL 300 (fl. July).

Para district . FOCKE 182 (fl Aug.)

Lower Saramacca River PULLE 23 (fl. Nov.)

Coppename River : BOON 1133 (fl Sept.)

Upper Nickerie River . TULLEKEN 420 H. L. B. 903, 322—1528
(fl. Sept)

Surinam : KAPPLER 1598; HOSTMANN 475a; HOSTMANN 1301, named :

Cissus elongata Miq Stirp Surin. Select p. 110, HOSTMANN H L B.
903, 322—65 , SPLITGERBER 1143 H. L. B. 897, 347—143 (fl. March).

All tropical America.

Cissus Parkeri (Baker) Planch. Monogr. Phanerog. V. p. 550

Vitis Parkeri Baker Flora Bras. XIV. 2. p. 210.

Surinam near Salein. WULLSCHLÄGEL ex Planch. l. c
British Guyana, Central Brazil

Cissus microcarpa Vahl Eclog. p. 16

Commewyne River · KAPPLER without number

Surinam, near Mapuribi-kreek. KAPPLER ed Hohenack 1959 named

Cissus haematantha Miq. Linnaea XXVI. p. 220

Jamaica, Cuba, Mexico.

ELAEocarpaceae

SLOANEA Linn.

Sloanea latifolia (L C Rich.) K. Schum. Flora Bras. XII 3 p. 173

Blondea latifolia L C Rich. Act. soc Par I. 110

Paramaribo, near plant Tourtonne. KEGEL 939, named by Garcke

Linnaea XXII p. 55 *Sloanea corymbiflora* D C

French Guyana.

Sloanea dentata Linn Spec. pl. Ed I 512

Surinam River, near Cassepoera-kreek KEGEL 1175 named by Garcke

Linnaea XXII p. 56 *Sloanea Plumieri* Aubl.

Surinam. HOSTMANN 1025.

Amazon district, Guyana.

Sloanea obtusa (Splitg.) K Schum Flora Bras XII 3 p 181

Dasynema obtusa Splitg Tijdschr. Nat Geschied en Phys. IX p 98

Paramaribo: WULLSCHLAGEL 911

Surinam HOSTMANN and KAPPLER 412, near Post Belair SPLITGERBER
812 (fl Apr.)

French Guyana

Sloanea Kappleriana Pulle nova spec

Rami inferne teretes glabri, superne angulati ferrugineo-tomentelli, foliis sparsis petiolo mediocri terete, tomentoso, apice paulo incrassato, stipulis linearibus petiolo 3--4 plo brevioribus, utrinque ferrugineo-tomentellis, caducis. Lamina oblonga vel ovata, apice obtusa vel apiculata (in specimine Versteegiana), basi cuneata, obsolete repando-dentata, coriacea, supra in nervo mediano tomentosa, ceterum glabra, subtus praesertim in nervos sparse pilosa Inflorescentia axillaris petiolum subaequans, pedunculis pedicellos aequantibus, bracteis ovatis, obtusis, sepalis 4-6, plerumque 4, ovatis vel oblongis, obtusis vel acutis, extus et intus breviter pilosis, staminibus calyce duplo longioribus, antheris oblongis obtusis, quam filamenta multo brevioribus, glabris; ovario obscure tetragono villosa, stylo apice divaricato-quadrifido calycem paulo superante, post antherarum delapsus multo elongato Capsula oblonga 4-valva, setis rigidis filiformibus obtecta.

Arbuscula 3—4 metralis. Petiolus 10—14 mM longus, 1—2 mM latus, stipulae 3 mM longae Lamina 10—15 cM longa, 4—6 cM lata, nervis supra immersis, subtus valde prominentibus. Nervi laterales utrinque 10—11 Inflorescentia 1—1½ cM longa, pedicellis et pedunculis cinereo-pilosis. Pedicelli 1½—2 mM longi, angulati Sepala 2 mM longa, stamina 4—5 mM longa, antherae vix 1 mM longae Stylus 1½ mM. longus, post antherarum delapsus ad 6 mM longus Capsula 2 cM longa, 1 cM lata.

Pl. XII

Lawa River: KAPPLER (coll. 1861) ed. Hohenack. 2036 (with the fruits only) H. L. B 903, 322—502

Upper Litanie River: VERSTEEG 392 (fl. Dec)



TILIACEAE

APEIBA Aubl.

Apeiba Tibourbou Aubl. Plant Guyan. I 538 t 213

Surinam: HOSTMANN 228 (in Herb. Kew); DUMORTIER 18
Tropical America.

Apeiba Petoumo Aubl. Plant Guyan. I 543 t 215

Para district, near plant Berlijn SPLITGERBER 531 H. L. B. 905, 237
—78 and 79 (fl. Febr.) named *Apeiba echinata* Gartn.

Surinam. HOSTMANN 294, named. *Apeiba hypoleuca* Steud. in Flora
1843 p. 755.

French Guyana.

Apeiba aspera Aubl. Plant. Guyan. 545 t. 216.

Upper Saramacca River: PULLE 231 (fl. March)
Brazil, French Guyana.

TRIUMFETTA Plum

Triumfetta althaeoides Lam. Encycl. III. 420

Paramaribo: SPLITGERBER 217 H. L. B. 905, 237—80, 81 and 82
(fl. Nov.); FOCKE 634 (fl. Sept.) and 69 H. L. B. 905, 237—84, near
Poelepantje. KEGEL 57 (fl. July), Dr. VOLTZ without number.

Cottica district, near plant. Sardam FOCKE 560 (fl. Octob.)

Surinam. HOSTMANN 605 named. *Triumfetta surinamensis* Steud. Flora
1843 p. 755, HOSTMANN H. L. B. 903, 322—198.

Tropical America.

Triumfetta semitriloba Linn. Mant. I. p. 73.

Paramaribo. FOCKE 1380 (fl. June)

Triumfetta Hostmanni Miq. Linnaea XXII p 466 (HOSTMANN 499) is perhaps a synonym of this species
Tropical America.

Triumfetta heterophylla Lam Encycl III. 420.

Paramaribo KAPPLER ed Hohenacker 1589 (fl March) named by Miquel *Triumfetta Lappula* Lam var.² and *Triumfetta sinuosa* Miquel Linnaea XXII p 466
Amazon district, Columbia, Central-America, West-Indies.

MALVACEAE.

ABUTILON Gärtn.

Abutilon indicum (Linn.) G. Don. Gen. Syst. I. 504.

Sida indica Linn. Spec. pl. Ed. II. 964

Nickerie TULLEKEN 292 H. L. B. 903, 322—1077 (fl. Aug.)

Surinam FOCKE 257 (cultivated); WEIGELT, WULLSCHLAGEL 905 and 906 ex Schum. Flora Bras. XII. 3 p. 386.

Tropical America, Asia and Africa.

WISSADULA Medik

Wissadula periplocifolia (L.) Presl Reliq. Hank. II. 117.

Sida periplocifolia Linn. Spec. pl. Ed. I. 684

Commewyne River, near Warappakreek WULLSCHLAGEL 904 ex Schum.
l. c. 442

Tropical America and Asia

SIDA Linn.

Sida linifolia Cav. Diss. I. t. 2 fig. 11.

Marowynne River KAPPLER ed. Hohenacker 1877 (fl. Aug.) named.

Sida angustissima Mig. Stirp. Surin. Select. 102

Para district, near Onoribo: FOCKE 867, near plant Berlyn. WULLSCHLAGEL 783, WENT 380 (fl. Sept.); near Onoribo. SPLITGERBER 645 H. L. B. 905, 237—328 (fl. March).

Surinam River, near Bergendal: WULLSCHLAGEL 783 ex Schumann
l. c. 293.

Surinam. HOSTMANN 610a, 816; TULLEKEN H. L. B. 903, 322—1257.

Tropical America and Africa.

Sida urens Linn. Amoen. Acad. V. 402.

Upper Tapanahoni River VERSTEEG 872 (fl. Octob.)

Paramaribo: FOCKE 773 (fl. Apr.), near plant Quarta: KEGEL 1026 (fl. Octob.)

Commewyne River, near plant Rustenburg. WULLSCHLAGEL 1366

Surinam · HOSTMANN and KAPPLER 273.

Tropical America and Africa.

***Sida serrata* Willd** Mss. in Spreng. Syst. Veg. III. 111

Lawa River · VERSTEEG 124 (fl. Aug.)

Upper Litane River · VERSTEEG 357 (fl. Nov.)

Tapanahoni River · VERSTEEG 747 (fl. Aug.)

Surinam River, near Station Victoria · WULLSCHLÄGEL 25

Venezuela

***Sida veronicifolia* Lam.** in Encycl. I 24 n 11

Paramaribo · FOCKE 843 (fl. Jan. – March).

All tropical countries

***Sida glomerata* Cav** Diss. I t 2 fig. 6.

Lower Surinam River, near plant. Jagtlust · WENT 57 (fl. Aug.)

Paramaribo · KAPPLER ed Hohenacker 1878 (fl. Apr.), KAPPLER 1593,

WULLSCHLÄGEL 31 ex Schumann l. c. 324; FOCKE 770 (fl. April),

near plant Tourtonne · KEGEL 197 (fl. July), near plant Quarta

KEGEL 336 (fl. July).

Para district, near plant Hannover: SPLITGERBER 1157 H. L. B. 905,

237–27 named *Sida foliosa* Splitg. Mss. and de Vriese Ned. Kruidk.

Arch I p 340, near Onoribo · WULLSCHLÄGEL 34, near Post

Republiek · TULLEKEN 220 H. L. B. 903, 322–1145 (fl. Aug.)

Surinam · HOSTMANN 155; HOSTMANN H. L. B. 903, 322–211.

Tropical Brazil, Guyana, Columbia, West-Indies.

***Sida cordifolia* Linn** Spec. pl. Ed. I. 684.

Marowynne River: WENT 460 (fl. Octob.)

All tropical countries.

***Sida rhombifolia* Linn.** Spec. pl. Ed. I. 684.¹

var. α . ***typica* K.** Schum. Flora Bras. XII 3 p 339.

Paramaribo · SPLITGERBER 171 H. L. B. 905, 237–30 (fl. Nov.),

TULLEKEN 43 H. L. B. 903, 322–1306 (fl. July)

Para district, near Onoribo: SPLITGERBER 1156 H. L. B. 905, 237–37

and near Berlijn · SPLITGERBER 700 H. L. B. 905, 237–38 (fl. March),

named *Sida trinervia* Splitgerber Mss., de Vriese Ned. Kruidk.

Arch I 339.

Commewyne River, near Matappica-kreek · FOCKE 278.

Surinam · FOCKE 753; WEIGELT H. L. B. 905, 237–33, HOSTMANN

H. L. B. 903, 322–195, KAPPLER 1569; WULLSCHLÄGEL 32.

var. β ***surinamensis* (Miq.) K.** Schum. l. c. 339.

Sida surinamensis Miq. Linnaea XXII p. 469.

Paramaribo: TULLEKEN 22 H. L. B. 903, 322–1495. (fl. July), WENT

101 (fl. Aug.)

- Upper Saramacca River: PULLE 226 (fl. March.)
 Surinam: HOSTMANN 1079
 var γ *canariensis* K. Schum l. c. 339.
 Para district: WULLSCHLÄGEL 33 ex Schum. l. c.
 All tropical countries

MALACHRA Linn.

- Malachra alceifolia* Jacq. Collect. II. 350.
 var β *rotundifolia* Gürke Flora Bras. XII. 3 p. 462.
 Cottica River, near plant. Badenstein: SPLITGERBER 780 H. L. B. 905,
 237—19, named. *Malachra capitata* L.; de Vriese Ned. Kruidk. Arch.
 I p. 333.
 Panama, Columbia, British Guyana.
Malachra fasciata Jacq. Coll. II. 352.
 Paramaribo: KEGEL 867 (fl. May) named *Malachra Kegeliana* Garcke.
 Linnaea XXII 52; TULLEKEN 128 H. L. B. 903, 322—1482 (fl. Aug.),
 WENT 331 (fl. Octob.)
 Para district, near post Republiek. TULLEKEN 209 H. L. B. 902, 322—
 1136 (fl. Aug.).
 Commewyne district: FOCKE 395 and 447 named *Riedleia setulosa* Miq.
 Tijdschr. Nat. Geschied. en Phys. X 80.
 Surinam: HOSTMANN 430; HOSTMANN H. L. B. 903, 322—250; WULL-
 SCHLÄGEL 29, WEIGELT H. L. B. 905, 237—20, named *Malachra radiata*
 L. in sched.
 Tropical America and Africa.

Malachra radiata Linn. Syst. nat. ed. XII p. 459.

- Paramaribo: WENT 304 (fl. Aug.); WULLSCHLÄGEL 874 ex Gürke l. c. 468
 Surinam: HOSTMANN H. L. B. 903, 322—167 and 278.
 Tropical Brazil, Ecuador, Nicaragua, Tropical Africa.

URENA Linn.

- Urena lobata* Linn. Spec. pl. ed. I 692.
 var α . *americana* Gürke Flora Bras. XII 3 p. 471.
 Surinam: FOCKE 1259
 Tropical America.
 var β . *triloba* Gürke l. c.
 Surinam: HOSTMANN 679a
 Tropical Brazil, British Guyana.

PAVONIA Cav.

Pavonia typhalaea Cav. Diss. III. 134

- Paramaribo: KAPPLER 1576; KEGEL 133 (fl. July); WENT 260 (fl. Aug.),
 and 315 (fl. Aug.)

Para district, near Onoribo. FOCKE 547 (fl. Octob.), near Osembo
FOCKE 605

Saramacca River, near plant. Vier Hendrikken: WENT 225 (fl. Aug.)
Surinam FOCKE 267, 441, 304, 305; HOSTMANN 121; HOSTMANN H. L. B.
903, 322—324, SPLITGERBER 56 H. L. B. 905, 237—25 and 26
(fl. Nov.), WULLSCHLAGEL 30 and 2022 ex Gürke l. c. 484
All tropical America

Pavonia speciosa H. B. K. Nov. Gen. et Spec. V 231 t. 477.

var. α Hostmanni (Miq.) Gürke l. c. 495.

Pavonia Hostmanni Mig. Linnaea XXII 469

Surinam HOSTMANN 1288.

Tropical South-America.

Pavonia racemosa Sw. Fl. Ind. Occ. II 1215

Lower Surinam River SPLITGERBER 580 H. L. B. 905, 237—24 (fl. Febr.);
FOCKE 467 (fl. April)
West-Indies.

Pavonia cancellata Cav. Diss. III. 135

var. α deltoidea St. Hil. et Naud. Ann. Sc. nat. ser. II. T. XVIII. 41.

Marowynne River: KAPPLER 1693.

Paramaribo SPLITGERBER 1112 H. L. B. 905, 237—22 (fl. May)

Commewynne River, near plant Nieuwe Grond SPLITGERBER 822
H. L. B. 905, 237—23 (fl. April).

Tropical Brazil, Guyana, Columbia.

HIBISCUS Linn.

Hibiscus Rosa sinensis Linn. Spec. 977.

Surinam River, near plant Voorburg: TULLEKEN 100 H. L. B. 903,
322—1454 (fl. July).

Coronie. TULLEKEN 564 H. L. B. 903, 322—971 (fl. Octob.)

Surinam SPLITGERBER ex Hb. van Hall. H. L. B. 905, 237—15

Tropical Asia

Hibiscus sororius Linn. f. Suppl. 311.

Upper Tapanahoni River. VERSTEEG 740. (fl. Aug.)

Paramaribo SPLITGERBER 1124 H. L. B. 905, 237—7 named *Hibiscus*
crenatus Splitgerb. Mss., de Vriese Ned. Kruidk. Archief I 336

Paulus-kreek FOCKE 1407 (fl. Sept.)

Tropical Brazil, Cuba.

Hibiscus spathulatus Garcke Botan. Zeit. VII 840.

Upper Tapanahoni River, near Mount Teeboe. VERSTEEG 786 (fl. Aug.)

Amazon district, British Guyana, Panama

Hibiscus ingratus Miq. Linnaea XIX. p 143.

Paramaribo : SPLITGERBER 104 H. L. B 905, 237—16 (fl. Nov.), named *Hibiscus surinamensis* Splitg Mss ; de Vriese Ned Kruidk. Arch. I. p 336 ; SPLITGERBER 104a H. L. B 905, 237—14, named *Hibiscus maximus* Splitg Mss ; FOCKE 1112 ; WULLSCHLÄGEL 28

Lower Surinam River, near plant Jagtlust WENT 55.

Surinam HOSTMANN H. L. B 903, 322—48, 264, HOSTMANN 496a, 540.

Hibiscus Sabdariffa Linn Spec. pl 978

Saramacca River, near Post Groningen WENT 250 (fl. Aug.)

Surinam : SPLITGERBER 346 ex de Vriese Ned Kruidk. Arch. I p. 335.

Vernacular name. »Surinaamsche Zuring» (Went) or »Roode Zuring» (Splitgerb.)

Tropical America, East-Indies

Hibiscus radiatus Cav Diss III. 150 t. 54 fig 2.

Surinam WULLSCHLÄGEL 1363 ex Gürke Flora Bras. XII. 3 p. 560.

West-Indian Islands, East India

Hibiscus bifurcatus Cav Diss 146 t 51 fig 1.

Lower Marowynne River, near Albina WENT 447 (fl. Octob.) ; VERSTEEG 4 (fl. July)

Lower Surinam River, near plant Jagtlust SPLITGERBER 414 H. L. B. 905, 237—9 (fl. Dec.) ; near Poelephantje KEGEL 929

Paramaribo · KAPPLER 1590, WULLSCHLÄGEL 27 ex Gürke, l. c. 561.

Upper Commewyne district · FOCKE 218 (fl. Sept.)

Lower Saramacca River PULLE 88 (fl. Nov.)

Upper Saramacca River PULLE 141 (fl. Jan.)

Coronie. TULLEKEN 547 H. L. B. 903, 322—954 (fl. Octob.)

Surinam WULLSCHLÄGEL 1361 ex Gürke l. c. 561

Tropical Brazil, British Guyana

Hibiscus furcellatus Desv in Lam Encycl. III, 358.

var «. *genuinus* Gürke Flora Bras. XII 3 p 562

Surinam. WULLSCHLÄGEL 901, 902 and 1362 ex Gürke l. c

Tropical and sub-tropical America, Sandwich Islands.

Hibiscus varians Splitg. Mss, de Vriese Ned. Kruidk. Arch. I p 338

Paramaribo · SPLITGERBER 983 H. L. B 905, 237—5 (fl. May.)

Hibiscus tiliaceus Linn Spec. pl 976

Surinam River SPLITGERBER 335 H. L. B. 905, 237—17 (fl. Dec.) ; near Vredenburg-kreek · FOCKE 107 H. L. B 905, 237—9 (fl. Octob.)

Paramaribo SPLITGERBER 168 H. L. B 905, 237—10 (fl. Nov.), FOCKE 403 (fl. Sept.) ; WULLSCHLÄGEL 25 and 900 ex Gürke l. c. 569.

Surinam HOSTMANN 331 ; HOSTMANN H. L. B 903, 322—155

Vernacular name. „Maho" (Splitgerb.)

All tropical countries

Hibiscus esculentus Linn Spec. pl. 980.

Gonini River VERSTEEG 137 (fl Aug)

Paramaribo KEGEL 977 (fl. Aug); FOCKE without number

Saramacca River, near Groningen WENT 244 (fl Aug)

Surinam. HOSTMANN 955, SPLITGERBER 282 H L B. 905, 237—13 (fl Dec)

Cultivated, vernacular name: „Okro" or „Okrum".

All tropical countries.

Hibiscus Abelmoschus Linn Spec. pl 980

Paramaribo: NOLTE in herb Gött.

Surinam River, near plant. Domburg TULLEKEN 183 H. L. B 903,
322—1419 (fl. Aug.)

Surinam: SPLITGERBER 569 H L B. 905, 237—4 (fl. Febr); FOCKE 1275;

KAPPLER 1694; HOSTMANN H L B 903, 322—214; HOSTMANN 544.

Vernacular name: „Muskus okro" (Splitgerber) or „Jorka okro" (Tulleken).

Tropical South-America

Hibiscus schrzopetalus Hook f Botan. Magaz 6524.

Paramaribo WENT 533 (fl. Octob.)

Cultivated.

Tropical Africa.

THESPESIA Corr

Thespesia populnea (L.) Corr. Ann. Mus Par. IX 290

Surinam SPLITGERBER 476 H L B. 905, 237—39 (fl. Jan.); FOCKE 290

Cultivated

Tropical Asia and Africa

GOSSYPIUM Linn

Gossypium hirsutum Linn Spec plant ed II 975.

Surinam WULLSCHLÄGEL 1364 ex Gürke Flora Bras XII 3 p 582.

All tropical countries

Gossypium barbadense Linn. Spec pl. ed I. 693.

Paramaribo WENT 358 (fl. Sept)

Surinam River, Commewyne River, Saramacca River ex van Hall,

Bulletin No. 2 van den Landbouw in West-Indie pg 32

Vernacular name „Sea-Island katoen".

All tropical countries

Gossypium religiosum Linn Syst. nat ed. II. 462.

Gonini River VERSTEEG 138 (fl Aug)

Upper Tapanahoni River, near Pontoetoe. VERSTEEG 867 (fl. Sept.)
Paramaribo: KEGEL 968 and 969 (fl Aug.); WENT 330 (fl. Octob.)
Commewyne River. FOCKE 393.
Vernacular name "Peru-katoen".
Tropical America.

Gossypium pubescens Splitg. Mss., de Vriese Ned. Kruidk. Archief I.
1848. p 334.

Paramaribo, cultivated in gardens SPLITGERBER 985 H. L. B. 905, 237—2
and 3 (fl May).

BOMBACACEAE.

BOMBAX Linn.

Bombax globosum Aubl. Pl. Guyan. 701 t. 281.

Upper Saramacca River: SPLITGERBER 1060 H. L. B. 905, 237—1 (fl. May).

Surinam KAPPLER 1641

Amazon district, French Guyana.

CEIBA Gärtn.

Ceiba pentandra (Linn.) Gärtn Fr. II. t. 133 fig. 1.

Bombax pentandrum Linn Spec. plant. ed. I. 511.

Eriodendron anfractuosum D. C. Prodr. I. 479.

Upper Tapanahoni River: VERSTEEG 924.

Lower Surinam River, near plant. Jagtlust: WENT 31.

Paramaribo: KEGEL 855 (fl. March); WULLSCHLÄGEL 1694.

Upper Coppename River: BOON 1047 (fl. Aug.)

Surinam: HOSTMANN 970

Vernacular name. »Kankantrie».

Guyana, West-Indian Islands, East-India and Africa.

PACHIRA Aubl.

Pachira aquatica Aubl. Pl. Guyan. II 725 t. 292, 291

Carolinea princeps Linn f. Suppl. p. 314.

Paramaribo: WULLSCHLÄGEL 36, KAPPLER ed Hohenack. 1726 (fl. March-Apr.).

Surinam River: SPLITGERBER 285 H. L. B. 905, 237—21 (fl. Dec.-Febr.);

FOCKE 1334, near Joden Savanne: KEGEL 875 (fl. May)

Lower Coppename River: WENT 106 (fl. Aug.)

Upper Coppename River: BOON 1258 (fl. Oct.)

Surinam: NOLTE in Herb. Gott.

Vernacular name. »Bosch-cacao».

Amazon district, Guyana

QUARARIBEA Aubl.

Quararibea guyanensis Aubl. Plant. Guyan. 692 t. 278.

Gonini River: VXRSTEEG 55 (fl Aug)

Upper Surinam River, near Bergendal: FOCKE 1299 (fl. May)

Upper Coppename River: BOON 1057 (fl Aug.)

Paulus-kreek: WULLSCHLAGEL 37 and 205 ex Schumann Flora Bras
XII 3 p 241

Surinam: HOSTMANN 68 named *Myrodia multiflora* Steud Flora 1843
p 755

Amazon district, Guyana.

STERCULIACEAE

MELOCHIA Dill

Melochia Benthami K. Schum Flora Bras. XII. 3 p. 40.

Melochia ulmifolia Bth (non St Hil. et Naud).

Marowynne River, near Albina: VERSTEEG 544 (fl July)

Gonini River: VERSTEEG 96 (fl Aug.)

Surinam River, near Blauwe Berg: SPLITGERBER 890 H L B 905, 237—70 (fl May), near Bergendal: FOCKE 929 named *Melochia ramuliflora* Miq. Linnæa XIX p. 132.

Surinam: KEGEL 247; HOSTMANN 226, 1047; WULLSCHLÄGEL 795 ex Schumann l.c.

Amazon district, Guyana.

Melochia lanceolata Bth. in Journ. of Botan. IV 128.

Para district: SPLITGERBER 1001 H L B 905, 237—67 (fl May).

Surinam: HOSTMANN 657; HOSTMANN H. L. B 903, 322—216, WULLSCHLÄGEL 894 ex Schum. l.c. 41.

British Guyana.

Melochia melissifolia Bth. in Journ. of Botan. IV. 129.

Upper Tapanahoni River, near Mount Teeboe: VERSTEEG 787 (fl. Aug.)

Paramaribo, near Poelephantje KEGEL 305 named by Garcke Linnæa XXII p 55; *Melochia sparsiflora* Klotzsch Mss.

Para district: SPLITGERBER 1158 H L B. 905, 237—69 (fl March) named: *Riedleia nodiflora* D C. de Vriese Ned. Kruidk Arch. I p. 244; near Post Republiek: TULLEKEN 242 H L B 903, 322—1422

Lower Saramacca River, near plant Vierhendrikken: WENT 218 (fl. Aug.)

Upper Coppename River: BOON 1115 (fl. Sept).

Surinam KAPPLER 1575, named *Melochia concinna* Miq Linnæa XXII p. 467; HOSTMANN H. L. B. 903, 322—28; FOCKE 1251.

Amazon district, Guyana, Western-Africa.

Melochia cinerea St. Hil. et Naud Ann. Scienc nat. Ser. II. t XVIII p. 35.

Surinam. WULLSCHLÄGEL ex Schumann l.c. 44.

Tropical Brazil, British Guyana

Melochia hirsuta Cav. Dissert. VI. 320 t. 175 f. 1.
 Surinam. FOCKE 994 named *Melochia vestita* Bth.
 Tropical South-America.

Melochla hypoleuca Miq Linnaea XXII p 468.
 Para district, near plant. la Prospérité: FOCKE 983 (fl Sept.)

WALTHERIA Linn

Waltheria americana Linn. Spec plant. ed I. 673
 Marowyne River, near Galibi WENT 422 (fl Octob); near Albina
 VERSTEEG 541 (fl. July).
 Tapanahoni River, near Drie-Tabbetje. VERSTEEG 660 (fl. July.)
 Lower Surinam River KAPPLER ed Hohenacker 1859 (fl April) named
 by Miquel: *Waltheria paniculata* Bth (?) in sched , near plant Jagt-
 lust SPLITGERBER 389 H. L. B 905, 237—73 (fl. Dec.)
 Paramaribo WENT 265 (fl Aug.); near Orellana-kreek. FOCKE 695 and
 FOCKE 121 H. L. B 903, 237—74
 Para district, near plant. Hannover. SPLITGERBER 1014 (fl. March)
 H L. B. 905, 237—76, near plant Berlijn: WENT 372 (fl Sept.)
 Surinam River, near Joden Savanne: KEGEL 1110 (fl. Nov.); TULLEKEN
 165 H L B. 903, 322—1249 (fl July)
 Upper Coppename River. BOON 1160 (fl. Sept.).
 Surinam HOSTMANN 190, Dr. VOLTZ without number; WEIGELT, WULL-
 SCHLAGEL 38 ex Schum. l. c. 65.
 Vernacular name »Malva», »Kamferblad" or »Soldatenthee"
 Brazil and Guyana

THEOBROMA Linn

Theobroma Cacao Linn Spec plant. ed. I 782.
 Paramaribo KEGEL 181, SPLITGERBER 1097 H L B 905, 237—72
 All tropical America.

GUAZUMA Plum.

Guazuma ulmifolia Lam Encycl. III 52.
 Upper Surinam River, near Blauwe Berg. SPLITGERBER 933 (fl. May)
 ex de Vriese Ned. Kruidk. Arch. I. (1848) p 243.
 All tropical America.

HELICTERES Linn.

Helicteres pentandra Linn. Mantissa II. 294
 Marowyne River, near Albina. WENT 432 (fl. Octob), VERSTEEG 35
 (fl. July).
 Tapanahoni River, near Drie-Tabbetje. VERSTEEG 675 (fl. July).

Surinam River, near Blauwe Berg SPLITGERBER 932 H. L. B. 905, 237
—63, 64, 65 and 66.

Surinam FOCKE 928 named *Helicteres bracteosa* Mart , HOSTMANN and
KAPPLER 361, HOSTMANN 240; WULLSCHLÄGEL 1367.

Amazon district, French Guyana

STERCULIA Linn.

Sterculia pruriens (Aubl) K Schum Flora Bras XII. 3 p. 8.

Ivira pruriens Aubl. Plant Guyan. II. 695 t. 279.

Para district. KAPPLER ed Hohenacker 1253 (fl. Dec.) named *Sterculia*
Ivira Sw.

Surinam HOSTMANN without number.

Guyana.

Sterculia excelsa Mart. Beibl. zur Flora XXIV. p. 40.

Surinam. HOSTMANN 1110 named *Sterculia villifera* Steud Flora 1843
p 755.

Brazil, Guyana

COLA Schott

Cola acuminata R Br. Plant Jav. 237.

Lower Surinam River (Plant Jagtlust): WENT 47 (fl Aug.)

Cultivated

Tropical Africa.

DILLENIACEAE.

TETRACERA Linn.

Tetracera surinamensis Miq. Linnaea XVIII 265, Stirp Surin Select 107 t 33.

Cottica River: FOCKE 694 (fl. Octob.), FOCKE 120 H. L. B. 902, 111—448 (fl. Octob.) named by Splitgerber. *Davilla flexuosa* St Hil s. de Vriese, Ned. Kruidk. Archief I. p. 263

Tetracera aspera (Aubl.) Willd. Spec II. 1241

Tigarea aspera Aubl. Plant Guyan. II 918 t. 350.

Paramaribo SPLITGERBER 607 H. L. B. 902, 111—283 (fl. Febr.)

Surinam: WULLSCHLÄGEL ex Eichler Flora Bras XIII 1 p. 94.
French Guyana.

Tetracera costata Mart. Mss Eichl Flora Bras XIII. 1 p. 86

Paramaribo: WULLSCHLÄGEL ex Eichler l. c.

Tetracera rotundifolia Smith in Rees Cycl. vol. 35

Saramacca River, near Maripaston: KEGEL 1311.

Surinam: HOSTMANN 1005 named *Tetracera asperula* Miq. Linnaea XIX p 133

Tropical Brazil, French Guyana

Tetracera ovalifolia D C. Prodr. I. 68.

Surinam River, near Joden Savanne: KEGEL 1156 (fl. Nov.)

Trinidad, French Guyana

DAVILLA Vell.

Davilla rugosa Poir. Encycl. Suppl. II. 457.

Marowyne River: KAPPLER ed. Hohenack. 1711 (fl. March), named.

Davilla pilosa Miq. Linnaea XIX 134.

Para district, near Onoribo: FOCKE 873 named *Davilla surinamensis* Miq. Linnaea XVIII p. 611

Surinam River, near Bergendal. FOCKE 873.

Surinam: FOCKE H. L. B. 902, 111—75

Tropical South-America.

Davilla lucida Presl Reliq. Hank II. 73.

Paramaribo SPLITGERBER 503 H. L. B. 902, 111—67 and 68 named

Davilla asperrima Splitg Tydschr. Nat. Geschied. en Phys. IX. p.

95, near Poelpantje. KEGEL 690 named by Garcke, Linnaea XXII

p. 47: *Davilla elliptica* St. Hil.

Surinam WULLSCHLÄGEL ex Eichl. l. c. 105

Tropical South-America.

CURATELLA Linn.

Curatella americana Linn. Spec. plant 248

Para district, in savannahs. FOCKE 971.

Surinam River, near Blauwe Berg. SPLITGERBER 1175 H. L. B. 902,

111—59 (fl. May.)

Surinam: KAPPLER ed. Hohenacker 1714.

Vernacular name 'Wilde cachou' or 'Bosch-cachou'.

Tropical and sub-tropical South-America.

DOLIOCARPUS Rolander.

Doliocarpus dentosus Mart. in Flora XXIV App. II 65

Tapanahoni River, near Drie-Tabbetje. VERSTEEG 725 (fl. Aug.)

Paramaribo, near Laan van Tourtonne FOCKE 814 (fl. Sept.), KEGEL

122 and 374 (fl. July.)

Surinam River, near plant. Merveille SPLITGERBER 540 H. L. B. 902,

111—155 (fl. Jan.) named *Doliocarpus Rolandri* Gmel.

Surinam. HOSTMANN 537; KAPPLER (coll. 1861) H. L. B. 903, 322—402

named *Doliocarpus spinulifer* Miq. Linnaea XVIII p. 266.

Tropical Brazil

Doliocarpus Rolandri Gmel. Syst. 805

Paramaribo KEGEL 191 and 457 (fl. July-Aug.) named *Doliocarpus*

semidentatus Garcke Linnaea XXII p. 48.

Surinam HOSTMANN 701a, 707 and 1237 named *Delima dasyphylla* Miq.

Stirp Surin. Select. p. 107.

Tropical Brazil, Guyana.

Doliocarpus scandens (Aubl.) Gilg. Natürl. Pflanzenfam. III. 6 p. 114.

Calnea scandens Aubl. Plant. Guyan. I. 556 t. 221.

Marowayne River, KAPPLER ed. Hohenacker 1724 (fl. March) named

by Miquel *Doliocarpus Calinea* Gmel.

Surinam. HOSTMANN.

Amazon district, French Guyana

Dollocarpus brevipedicellatus Garcke Linnaea XXII p. 47.

Surinam River, near Joden Savanne: KEGEL 1186 (fl. Nov.); near plant

Merveille. SPLITGERBER 540 H. L. B. 902, 111—161 named by Split-
gerber *Dollocarpus Rolandri Gmel*

Amazon district

OCHNACEAE

OURATEA Aubl

Ouratea guyanensis Aubl Plant Guyan I. t. 152.

Upper Gonini River · VERSTEEG 242 (fl. Sept.).

Lawa River, near Cottica Mountains · VERSTEEG 306 (fl. Octob.)

Surinam. KAPPLER ed Hohenacker 1337, KAPPLER (coll. 1861) H L B
903, 322—398.

Amazon district, French Guyana, Jamaica

Ouratea subscandens (Planch.) Engl. Flora Bras. XII. 2 p. 322

Gomphia subscandens Planch. Ann. Sc. nat. ser. 4. XVIII p. 14

var **surinamensis** (Planch.) Engl. l. c. 323.

Gomphia surinamensis Planch. l. c. 13.

Surinam. HOSTMANN 1215.

French Guyana

Ouratea Spruceana Engl. Flora Bras. XII. 2 p. 337.

Upper Saramacca River. PULLE 435 (fl. Jan.)

Amazon district

Ouratea isophylla (Garcke) Pulle.

Gomphia isophylla Garcke Linnaea XXII p. 57.

Saramacca River, near Maripaston · KEGEL 1291 (fl. May).

ELVASIA D. C.

Elvasia Hostmannia Planch in Hook Lond. Journ. V. 648

Hostmannia elvasioides Planch. in Hook Icon Pl. t. 709.

Marowynne River · KAPPLER ed. Hohenacker 1725 (fl. March.)

Surinam: HOSTMANN 271, KEGEL 274

French Guyana

SAUVAGESIA Linn.

Sauvagesia Sprengelii St. Hil. Mém. Mus. XI. 99

Para district, near plant. PInquiétude: FOCKE 1025 (fl. Sept.), near

plant. Berlijn · SPLITGERBER 735 H. L. B. 905, 268—54 (fl. March.)

Saramacca River, near Saron. KEGEL 1273 (fl. May.)

Surinam. HOSTMANN 630a, named *Sauvagesia Kappleri* Miq. Stirp Surin.

Select. 105, WULLSCHLÄGEL ex Eichler Flora Bras. XIII. 1 p. 408.

Tropical Brazil, Guyana.

***Sauvagesia erecta* Linn Spec. plant Ed I p. 203.**

Lower Marowynne River, near Albina: VERSTEEG 22 (fl. July); WENT 483a (fl. Octob.)

Tapanahoni River. VERSTEEG 734 (fl. Aug.)

Paramaribo KEGEL 156 (fl. July); TULLEKEN 118 H. L. B. 903, 322—1472 (fl. Aug.)

Para district. FOCKE 156 (fl. March) named by Miquel. *Sauvagesia Adima* Aubl.

Upper Saramacca River PULLE 427 (fl. Jan.)

Upper Coppename River BOON 1143 (fl. Sept.) and 1197 (fl. Sept.)

Upper Nickerie River, near Blanche Marie falls TULLEKEN 337 H. L. B. 903, 322—1067, TULLEKEN 339 H. L. B. 903, 322—1070 (fl. Sept.),

TULLEKEN 370 and 371 H. L. B. 903, 322—1108 and 1109 (fl. Sept.)

Surinam. HOSTMANN 631, DUMORTIER without number, SPLITGERBER 153 H. L. B. 905, 268—49 (fl. Nov.)

All tropical countries

var. β ***rubiginosa* (St. Hil) Eichler Flora Bras. XIII. 1 p. 409**

Sauvagesia rubiginosa St. Hil Mém. Mus. XI 99

Upper Nickerie River. TULLEKEN 223 H. L. B. 903, 322—1147 (fl. Aug.)

Surinam: KAPPLER 1425 named *Sauvagesia surinamensis* Miq. in sched.

Tropical Brazil, Venezuela, Guyana.

***Sauvagesia ramosissima* Spruce Mss. ex Eichl. Flora Bras. XIII. 1 p. 409**

Upper Tapanahoni River VERSTEEG 768 (fl. Aug.)

Amazon district, Guyana

CARYOCARACEAE.

CARYOCAR Linn.

Caryocar glabrum (Aubl.) Pers. Ench. II p 84.

Saonari glabra Aubl Plant. Guyan. I 599 t. 240

Para district, near Onoribo SPLITGERBER 766 (fl. March).

var. β **edule** (Casaretto) Wittm. Flora Bras XII. 1 p. 349.

Caryocar edule Casaretto Dec. nov stirp. Bras. VIII p 67.

Paramaribo WULLSCHLÄGEL 1688 ex Wittm. l. c.

Vernacular name. "Ningre notto".

Tropical Brazil, Guyana, West-Indies

MARCGRAVIACEAE.

MARCGRAVIA Linn

Marcgravia coriacea Vahl Eclog. II. 39.

Gonini River. VERSTEEG 244 (fl. Sept.)

Upper Tapanahoni River: VERSTEEG 912 (fl. Octob.)

Cottica River. FOCKE 718 named *Marcgravia acuminata* Miq Ann
Scienc. nat II. sér. I. 37.

Upper Saramacca River, near Janbasigado PULLE 189 (fl. Jan.)

Surinam HOSTMANN H L. B. 903, 322—347.

Caraiban name. »Katjoesi anjalali" (Tigerfingers).

Tropical Brazil, French Guyana.

NORANTEA Aubl.

Norantea guyanensis Aubl. Plant. Guyan I. 554 t. 220.

Marowyne River. KAPPLER ed. Hohenacker 1883 (fl. July).

Lawa River. VERSTEEG 452 (fl. Dec.)

Commewyne River. KAPPLER without number.

Lower Saramacca River, near plant. Vier Hendrikken KEGEL 1490.
(fl. July).

Upper Saramacca River, near Janbasigado: PULLE 180 (fl. Jan.)

Surinam. KAPPLER 1791, WULLSCHLÄGEL 1307 ex Wittmack, Flora
Bras. XII. 1 p 242

Vernacular name: Karagalla" (Kappler)

Amazon district, Guyana, Trinidad

SOUROUBEA Aubl.

Souroubea guyanensis Aubl. Plant. Guyan. I. 244 t. 97.

Lower Marowyne River, near Albina WENT 482 (fl. Octob.)

Gonini River: VERSTEEG 146 (fl. Aug.)

Tapanahoni River, near Mount Teeboe. VERSTEEG 779 (fl. Aug.)

Cottica River, near Post Oranjewoud: FOCKE 706, named *Ruyschia
lepidota* Miq. Tijdschr. Nat. Geschied. en Phys. X. p. 83; Linnaea
XVIII p 235 and Stirp Surin. Select. 94 t 27

Surinam River, near Cassepoera-kreek: KEGEL 1170 (fl. Nov.)

Para district: FOCKE 396 (fl. Sept.)

Saramacca River. SPLITGERBER 1058 H. L. B. 905, 268—38 (fl. Jan.)

Lower Coppename River. WENT 133 (fl. Aug.)

Surinam HOSTMANN and KAPPLER 1670, HOSTMANN 79 and 815a,

WULLSCHLAGEL 809, HOSTMANN H. L. B. 903, 322—314.

Tropical South-America.

QUIINACEAE.

QUIINA Aubl.

Quiina crenata Tul. in Ann Sc. nat. ser. 3 T. XI. 156.

Surinam. HOSTMANN 1282

French Guyana

THEACEAE.

HAEMOCHARIS Salisb.

Haemocharis semiserrata Mart Nov Gen et Spec I. 107.

var. α *communis* W de Fernsee Flora Bras. XII 1 p 289.

Surinam River. HOSTMANN and KAPPLER ed. Hohenacker 1287 named
Laplacea semiserrata St. Hil

Commewyne River, near plant. Waiampibo SPLITGERBER 498 named
Laplacea praemorsa Splitg. in Tijdschrift Nat. Geschied. en Phys.
IX. p 100.

Surinam. HOSTMANN 1287

Brazil, Columbia.

TERNSTRÖMIA Nutt

Ternströmia punctata (Aubl.) Sw. Prodr 81.

var. *revoluta* (Splitg.) Fernsee Flora Bras XII 1 p. 271

Ternstromia revoluta Splitg. Tijdschr Nat Geschied. en Phys. IX p. 99.

Surinam River, near Joden-Savanne: SPLITGERBER 863, KEGEL 1142
(fl Nov.)

Surinam. FOCKE 229; Dr VOLTZ without number.

Ternströmia deliculata Choisy Mém. Ternstr. 18.

Wane-kreek: KAPPLER ed. Hohenacker 1967, named *Ternstromia Kapp-
leriana* Mig in sch

Commewyne River. KAPPLER without number.

Tropical Brazil, French Guyana

GUTTIFERAE

CARAIPA Aubl.

Caraipa Richardiana Camb in Mém Mus. XVI. 414 t. 8.

Marowyne River: KAPPLER ed. Hohenacker 1914 (fl. Aug.)

Surinam River, near Blauwe Berg: SPLITGERBER 919 H. L. B. 905, 268

—29 (fl. May)

Vernacular name "Matakie hout" (Splitgerber).

Amazon district, Guyana.

VISMIA Vell.

Vismia cayennensis (L.) Pers. Syn. II. 86.

Hypericum cayennense L. Mant II. 277.

Lower Marowyne River, near Albina. WENT 471 (fl. Octob.)

Lawa River: VERSTEEG 405 (fl. Dec.)

Tapanahoni River: VERSTEEG 624 (fl. Aug.)

Paramaribo. KEGEL 381 (fl. July)

Lower Surinam River, near plant. Geyersvlyt. KEGEL 838 (fl. March),

KAPPLER ed. Hohenacker 1823 (fl. Apr.), named *Vismia ramuliflora*

Miq. Stirp. Surin Select. p. 88

Saramacca River, near Maripaston. KEGEL 1335 (fl. May).

Lower Coppename River. WENT 140 (fl. Aug.)

Upper Coppename River. BOON 1078 and 1093 (fl. Aug.)

Surinam. KAPPLER 1722; HOSTMANN 438; HOSTMANN H. L. B. 903, 322

—70 and 259, KAPPLER (coll. 1861) H. L. B. 903, 322—374 and 371,

WULLSCHLAGEL 748 and 1695 ex Reichardt Flora Bras. XII. 1 p. 200

Vernacular name. "Pinja hoedoe" (Versteeg, Boon).

West-Indies, Tropical Brazil, Guyana.

Vismia guyanensis (Aubl.) Choisy Prodr. Mon. Hyp. p. 34

Hypericum guyanense Aubl. Plant. Guyan II. 784 t. 311.

Upper Saramacca River, near Jakob-kondre PULLE 124 (fl. Dec.)

Surinam HOSTMANN 1249

Tropical Brazil, Guyana.

Vismia baccifera (Linn. f.) Reichardt Flora Bras XII. 1. p. 204.

Hypericum bacciferum Linn. f. Suppl. 344.

Surinam: WULLSCHLÄGEL ex Reich. l. c. 205.

Tropical Brazil.

Vismia latifolia (Aubl.) Choisy Prodr Mon Hyp 36.

Hypericum latifolium Aubl Plant Guyan. II 787 t 312

Para district, near Osembo: FOCKE 582 named *Vismia angusta* Miq.

Linnaea XVIII p. 72, near Santigron; WENT 212 (fl. Aug.)

Surinam River, near Jodensavanne KEGEL 1138 (fl. Nov.), named *Vismia juglandifolia* Kze

Surinam HOSTMANN 162.

Amazon district, Guyana.

MAMMEA Linn.

Mammea americana Linn. Spec. plant ed 1. p. 512.

Lower Surinam River, near plant Geyersvlyt: KEGEL 866 (fl. April),

TULLEKEN 95 H. L. B. 903, 322—1374 (fl. July).

Paramaribo: SPLITGERBER 46 H. L. B. 904, 8—277, 278, 279 (fl. Nov.)

FOCKE 821; WULLSCHLÄGEL 44 ex Engler Flora Bras XII 1 p 396.

Surinam HOSTMANN 903, 322—119

Vernacular name: "Mamm".

West-Indies, Guyana, cultivated in Brazil.

CLUSIA Linn.

Clusia Fockeana Miq in Tijdschr. Nat. Geschied. en Phys X. p. 82,

Linnaea XVIII p. 233.

Androstylium Fockeanum Miq. Sturp. Surin Select, p. 93.

Surinam River, near Joden Savanne KEGEL 1152 (fl. Nov.)

Para district, near plant l'Inquiétude. FOCKE 444 (fl. Sept) and FOCKE

344 H. L. B. 903, 343—296, near Kompas: WENT 395 (fl. Sept)

Surinam HOSTMANN 811, KAPPLER 1705.

Clusia purpurea (Splitg.) Engler Flora Bras XII 1 p 416.

Arrudea purpurea Splitg. Tydschr Nat. Geschied. en Phys IX p. 102;

Miquel Linnaea XVIII p. 229

Commewyne district, near Matappica: FOCKE 262.

Paramaribo: KEGEL 1029 and 1044 (fl. Nov.)

Upper Saramacca River, near Lawalifalls: PULLE 481 (fl. March).

Surinam. KAPPLER 1704, SPLITGERBER 118 H. L. B. 903, 343—291.

Clusia nemorosa G. F. W. Meyer Prim. Fl. Esseq. 203.

Gonini River: VERSTEEG 217 (fl. Sept)

Upper Commewyne district: FOCKE 217 (fl. Aug.)

Paramaribo. SPLITGERBER 137 H. L. B. 903, 343—306 (fl. Nov.)

Para district, near Onoribo: FOCKE 1030 (fl. Sept.)

Surinam River, near Jodensavanne: TULLEKEN 172 H. L. B. 903, 322—1420 (fl. Aug.)

Upper Coppename River: BOON 1145 (fl. Sept.)

Surinam: KEGEL 408; HOSTMANN 318, 394 in Hb Kew, 590 and 1207 in herb. D. C.; HOSTMANN H. L. B. 903, 322—263; WULLSCHLÄGEL 43, 1374—1378 ex Engler Flora Bras. XII 1 p. 422.

Vernacular name »Boschmammi" (Focke) and »Kienboto" (Versteeg.)

Tropical Brazil, Guyana

Clusia grandiflora Splitg in Tydschr. Nat. Geschied. en Phys. IX. p. 101, Miq. Stirp. Surin. Select. t. 25 and 26.

Litane River: VERSTEEG 433 (fl. Dec.)

Gonini River: VERSTEEG 237 (fl. Sept.)

Paramaribo: HOSTMANN H. L. B. 903, 343—302 (fl. Dec.)

Surinam River, near Joden Savanne: KEGEL without number; near Blauwe Berg: SPLITGERBER 207 H. L. B. 903, 343—297 (fl. May); near Bergendal: FOCKE 942 (fl. Sept.)

Upper Coppename River: BOON 1087 (fl. Aug.)

Surinam: HOSTMANN 572, KAPPLER 1698, WULLSCHLÄGEL 1379 ex Engler l. c. 423.

Vernacular name: »Abrasa" (Versteeg) or »Pumpin" (Boon).

Guyana

Clusia palmicida L. C. Rich. Ann. Mus. 1811 tab. 11.

Tapanahoni River: VERSTEEG 559 (fl. July).

Guyana.

Clusia Pana-panare (Aubl.) Choisy Mém. Soc. Linn. Par. et in D. C. Prodr. I. 559

Quapoya Pana-panari Aubl. Plant. Guyan. p. 900 t. 344

Tapanahoni River: VERSTEEG 799 and 822 (fl. Sept.)

Gonini River: VERSTEEG 204 (fl. Sept.)

Paramaribo, near Kwatta: FOCKE 1381 (fl. June).

Para district, near Osembo: FOCKE 595 (fl. Apr.) named *Quapoya surinamensis* Miq. Stirp. Surin. Select. p. 92.

Surinam: HOSTMANN 259, 679, HOSTMANN H. L. B. 903, 322—332; SPLITGERBER 477 H. L. B. 904, 8—364 (fl. Jan.) named *Renggeria guyanensis* Splitg. Tydschr. Nat. Geschied. en Phys. IX. p. 104.

Guyana

TOVOMITA Aubl.

Tovomita obovata Engler Flora Bras. XII. 1 p. 452.

Para district, near Koffiedjampo: VERSTEEG 526 (fl. June).

British Guyana

RHEEDIA Linn.

Rheedia macrophylla (Mart.) Planch. et Triana Ann. Sc. nat 4me serie. XIV. p. 309.

Garcinia macrophylla Mart. Beibl. zur Flora XXIV. 2 p. 33

Surinam HOSTMANN and KAPPLER 587a.

Amazon district, Guyana

Rheedia floribunda (Miq.) Planch. et Triana Ann. Scienc. nat 4me ser. XIV. p. 319.

Garcinia floribunda Miq. Stirp Surin. Select 89

Surinam, near plant Ponthieu FOCKE 1356 (fl. Octob.); KAPPLER 593a.

Amazon district

SYMPHONIA Linn. f.

Symphonia globulifera Linn f. Suppl 302.

Marowyne River. KAPPLER ed Hohenack. 1882 (fl. Aug)

Lower Surinam River. KAPPLER ed. Hohenack 1881 (fl. Sept)

Commewyne River, near plant. Marienburg WENT 267 (fl. Aug)

Surinam: HOSTMANN 806, HOSTMANN H. L. B 903, 322-304

Vernacular name "Mane" (Kappler).

Tropical America and Africa

BIXACEAE.

BIXA Linn

Bixa Orellana Linn Spec. Plant 730

Lawa River. VERSTEEG 112 (fl. Aug.)

Upper Tapanahoni River. VERSTEEG 869 (fl. Sept.)

Paramaribo SPLITGERBER 138 H. L. B. 898, 269—154 (fl. Nov.); KEGEL
1020 (fl. Sept.), WENT 546 (fl. Nov.), FOCKE 261 (fl. Octob.)

Surinam River, near Bergendal. FOCKE 375 (fl. Sept.)

Saramacca River, near Santigron WENT 193 (fl. Aug.)

Vernacular name »Roucou" or »Koesoewee".

Tropical America, cultivated in all tropical countries

COCHLOSPERMACEAE.

COCHLOSPERMUM Kunth

Cochlospermum paviaefolium Planch. in Hook Lond Journ. of Bot.

VI. p 310.

Surinam ex Planchon 1 c.

Cochlospermum Wentii Pulle nova spec.

Rami brunnei vel nigricantes, foliis dense obtecti. Folia digitata longissime petiolata, bistipulata, stipulis linearibus mox deciduis, petiolo sulcato, foliolis sessilibus junioribus tomentosis, adultis glabris, basi cuneatis, apice acuminatis et brevissime mucronatis. Inflorescentia paniculata terminalis, breviter rufo-velutina. Flores magni, sepalis imbricatis ovatis obtusis, 2 exterioribus minoribus, extus breviter rufo-tomentosis, intus glabris; petalis praefloratione convoluta glabris, flavis, basi cuneatis bilobatis, lobis inaequalibus obtusis; staminibus inaequalibus in uno latere floris majoribus quam in altero latere, filamentis liberis, glabris, antheris linearibus, curvatis, basifixis, apice obtusis et poris 2 dehiscentibus, ovario tomentoso, obtuse trigono, perfecte trilocularis, loculis multiovulatis, stylo elongato, versus apicem recurvato, stigmate obtuso. Fructus oblongo-pyramidatus capsularis extus brevissime velutinus trilocularis loculicidus, endocarpio ab epicarpio secedente. valvis capsulae exterioris cum his capsulae interioris alternantibus. Semina plura in quovis loculo, valde cochleata, nigra, testa dura verruculosa, lana dilute rosea tecta.

Arbor 10—15 metralis, ligno molli, floribus praecocibus. Petiolus 12—20 cM longus, foliola ad 7, 5—9 cM longa, 1.5—3 cM lata, venae laterales utrinque 15. Panicula 10 cM longa, 16 cM lata. Flores 8 cM lati, sepalis minoribus 13 mM longis, majoribus 17 mM longis, 1 cM latis. Petala 3.5—4 cM longa, 3.5 cM lata. Stamina majora 16 mM longa, minora 11 mM longa, antheris 4 mM longis. Stylus 1 cM longus. Fructus 7.5 cM longus, 3 cM latus. Semina cum lana 12 mM metientia.

Pl. XIII.

Upper Tapanahoni River. VERSTEEG 737 (fl Aug.)

Upper Litanie River: VERSTEEG without number (fr. Dec.)



S. Linschoten del.

Lith. firma PWM Tray.

Vernacular name '•Njoe fodoë'.

This species as well in its habit as in the shape of its seeds completely resembles a *Cochlospermum* and is probably most closely related to *Cochlospermum paviaeifolium* Planch. But the flowers entirely agree with those of the genus *Amoreuxia*, as well in the ovary being perfectly trilocular, as by the fact that the stamens are here also considerably longer at one side of the flower than at the other. Without doubt we have here an intermediate form between the genera *Amoreuxia* and *Cochlospermum*.

VIOLACEAE.

PAYPAYROLA Aubl

Paypayrola guyanensis Aubl Plant Guyan. I 249 t 99

Marowyne River. KAPPLER (coll. 1861) H L. B. 903, 322—516.

Gonini River: VERSTEEG 202 (fl. Sept)

Tapanahoni River. VERSTEEG 873 (fl. Sept)

Surinam KAPPLER 1331, named by Miquel *Periclistia longifolia* Bth.;

FOCKE 1037 and 1222, WULLSCHLÄGEL ex Eichler Flora Bras XIII.
1 p 378.

Amazon district, Guyana

AMPHIROX Spreng.

Amphirox surinamensis (Miq.) Eichl. Flora Bras. XIII 1 p 377

Hybanthus surinamensis Miq. Linnaea XVIII p. 738.

Lower Saramacca River, near Maripaston. KEGEL 1338 (fl. May); near
Anjoemara-mongo. PULLE 79 (fl. Nov.).

Surinam KAPPLER 1345, WULLSCHLÄGEL ex Eichl. l. c 377.

Amazon district, French Guyana.

ALSODEIA Thou. (*Rinorea* Aubl.)

Alsodeia flavescens (Aubl.) Spreng. Syst. I 806

Conohoria flavescens Aubl. Pl. Guyan. l. 239 t 95

Rinorea flavescens (Aubl.) O. Kze Revis. gen. plant.

Litanie River: VERSTEEG 439 (fl. Nov.)

Gonini River VERSTEEG 77 (fl. Aug.) and 256 (fl. Octob.)

Paramaribo, near plant Kwatta. KEGEL 1245 (fl. Jan.).

Surinam River, near Blauwe Berg SPLITGERBER 759 H. L. B. 905, 268
—43 (fl. March)

Para district. HOSTMANN and KAPPLER ed. Hohenacker 1144.

Lower Saramacca River: PULLE 60 (fl. Nov.)

Upper Nickerie River TULLEKEN 324 H L B 903, 322—1056, TULLEKEN
330 H L B. 903, 322—1061; TULLEKEN 344 H L. B. 903, 322—1051
and 1232; TULLEKEN 467 H. L B, 903, 322—1555 (fl. Sept.)

Surinam NOLTE in hb. Götting; WULLSCHLAGEL ex Eichl. l. c. 386.
Amazon district, Guyana, Peru.

***Alsodeia guyanensis* (Aubl.) Eichl.** Flora Bras. XIII. 1 p. 387.

Passoura guyanensis Aubl. Pl. Guyan. II. Suppl. 21 t. 380.

Marowyne River. KAPPLER (coll. 1861) 2110 named by Grisebach
Alsodeia brevipes Bth, KAPPLER (coll. 1861) H. L. B. 903, 322—484
and 488, VERSTEEG 592 (fl. July)

Para district, near Beekhuizen KEGEL 645 (fl. Sept.)

Surinam River, near Cassepoerakreek: KEGEL 645 (fl. Nov.); near

Blauwe Berg: SPLITGERBER 878 H. L. B. 905, 268—48 (fl. May).

Coppename River: BOON 1017 and 1183 (fl. Aug.-Sept.)

Nickerie River TULLEKEN 525 H. L. B. 903, 322—934 (fl. Octob.)

Surinam HOSTMANN and KAPPLER 1126 and 1130, HOSTMANN 243,
WULLSCHLAGEL ex Eichl. l. c.

Tropical America

var. δ ***parviflora* Eichl.** l. c.

Lawa River: KAPPLER (coll. 1861) 2111.

CALYPTRION Ging.

***Calypttrion excelsum* (Willd.) Taub.** Naturl. Pflanzenfam. III. 6 p. 332.

Viola excelsa Willd. ex Rom. Schult. Syst. V p. 391.

Marowyne River. KAPPLER (coll. 1861) H. L. B. 903, 322—428.

Tapanahou River VERSTEEG 706 (fl. July)

Paramaribo, near plant Kwatta KEGEL 296 (fl. May), SPLITGERBER 190
H. L. B. 905, 268—47 (fl. Nov.)

Surinam River, near Bergendal FOCKE 1265

Coppename River. BOON 1063, 1072, 1253 (fl. Aug.-Oct.)

Nickerie River: TULLEKEN 430 H. L. B. 903, 322—1557 (fl. Sept.),

TULLEKEN 500 H. L. B. 903, 322—1238 (fl. Sept.)

Surinam. HOSTMANN and KAPPLER 139 named *Calypttrion Aubletii* D. C.,
HOSTMANN H. L. B. 903, 322—336

Northern Brazil, Guyana, Venezuela.

HYBANTHUS Jacq

***Hybanthus Ipecacuanha* (Linn.) Taub.** Naturl. Pflanzenfam. III. 6 p. 333.

Viola Ipecacuanha Linn. Mant. 484

Surinam River: HOSTMANN and KAPPLER ed. Hohenack. 1291 (fl. Dec.)
named by Steudel: *Pombalia Itubu* Ging.

Tropical South-America.

***Hybanthus oppositifolius* (Linn.) Taub.** Naturl. Pflanzenfam. III. 6 p. 333.

Viola oppositifolia Linn. Spec. plant. 1327

Marowyne River KAPPLER (coll. 1861) H. L. B. 903, 322—448.

Litane River: VERSTEEG 358 (fl. Nov.)

Tapanahoni River: VERSTEEG 641 (fl. July).

Surinam River, near Station Victoria: KAPPLER ed Hohenack. 1917
(fl. Apr.) named by Miquel. *Fonidium viscidulum* H. B. K.

Paramaribo: FOCKE 47.

Upper Nickerie River: TULLEKEN 523 H. L. B 903, 322—932 (fl. Oct.)

Surinam. FOCKE 345.

NOISETTIA H. B. K.

Noisettia orchidiflora (Rudge) Ging in D. C. Prodr. I. 290.

Viola orchidiflora Rudge Plant Guyan. I 11 t 10.

Lawa River, near Cottica Mountains: VERSTEEG 321 (fl. Octob.)

Upper Saramacca River: PULLE 221 (fl. March)

Brazil, Peru, Guyana

FLACOURTIACEAE.

CARPOTROCHE Endl

Carpotroche longifolia (Pöpp et Endl.) Bth. Journ. Linn Soc V App II 82.

Mayna longifolia Pöpp. et Endl. Nov Gen et Spec. III. 64. t. 271

Upper Litanie River, near Knopaiamoi: VERSTEEG 387 (fl Dec.)

Amazon district, Eastern Peru.

BANARA Aubl.

Banara guyanensis Aubl Plant. Guyan I. 548 t. 217.

Commewyne district, near plant. Ponthieu FOCKE 1359 (fl Octob)

Surinam River, near plant. Jagtlust SPLITGERBER 415 H. L. B. 905,
268 - 13 (fl. Dec)

Para district HOSTMANN and KAPPLER 495 (fl Aug.) named by Steud

Xyladenius glandulosus Desv ; near Beekhuizen KEGEL 942 (fl July)

Surinam. HOSTMANN 495, WULLSCHLÄGEL ex Eichler Flora Bras. XIII.

I p. 501.

Tropical South-America.

HOMALIUM Jacq.

Homalium guyanense (Aubl) Warb. Natürl. Pflanzenfam. III. 6a. p. 36,

Racoubea guyanensis Aubl Plant Guyan II. 590 t 236.

Lawa River. KAPPLER (coll. 1861) 2149, KAPPLER H. L. B 903, 322—
474 and 518.

Upper Litanie River. VERSTEEG 395 (fl Dec)

Gonini River. VERSTEEG 209 (fl. Aug.)

Surinam River, near Bergendal. FOCKE 1292 (fl. May), near Blauwe
Berg: SPLITGERBER 929 H. L. B. 905, 268—25 (fl. May.)

Upper Saramacca River, near Janbasigado. PULLE 169 (fl Jan)

Surinam NOLTE in herb. Gott.; WULLSCHLÄGEL ex Eichl l. c 507.

Northern Brazil, Guyana

Homalium racemosum Jacq Amer. 170 t 183 fig. 72.

Upper Coppename River. BOON 1250 (fl Octob)

Surinam HOSTMANN 6 named *Homalium surinamense* Steud. Flora 1843
p. 756, HOSTMANN and KAPPLER 1707; FOCKE 929.
Central America, West-Indies, Guyana

PATRISIA Rich.

Patrisia tomentosa (Miq) Pulle

Ryania tomentosa Miq. in Ann Nat Hist XI. 15
Surinam River, near Bergendal. FOCKE 385
Lower Saramacca River. PULLE 82 (fl Nov)

CASEARIA Jacq.

Casearia spinosa Willd Spec. plant. II 626

Surinam. KAPPLER 1374 named *Casearia Avellana* Miq Linnaea XVIII
p 740, WULLSCHLAGEL ex Eichl Flora Bras XIII 1 p. 464.
All tropical South-America

Casearia ramiflora Vahl. Symb. II. 50.

Surinam River, near Joden Savanne KAPPLER ed Hohenack 1672
(fl. Nov) named *Casearia fallax* Miguel Linnaea XIX p. 128
Surinam. NOLTE in herb. Gotting
Tropical Brazil, Guyana, West-Indies

Casearia Fockeana Miq. Ann. Scienc nat ser. I. T. III p. 39.

Lower Commewyne River, near plant. Maasstroom. FOCKE 1367 (fl. Oct.)
Paramaribo. FOCKE 837 and 1047; near Tourtonne KEGEL 1032
(fl. Nov.), named by Grisebach. *Casearia hirsuta* Sw
Pauluskreek: WENT 549 (fl. Nov)
Coppename River BOON 1108 (fl. Sept)
Surinam: HOSTMANN 361, KAPPLER 1618a, FOCKE 746; WULLSCHLAGEL
ex Eichler l. c. 470.
Brazil, British Guyana, Peru

Casearia macrophylla Vahl Eclog. II 32

Surinam: HOSTMANN 794.
French Guyana, Peru

Casearia singularis Eichl Flora Bras. XIII 1 p. 473.

Surinam HOSTMANN and KAPPLER 1158

Casearia petraea Bth. in Hook. Journ. Bot. IV 111

Surinam LESCHENAULT 341 ex Eichl. l c. 477,
British Guyana

Casearia stipularis Vent. Choix t. 46.

Paramaribo. SPLITGERBER 234 H. L. B 905, 268—18 (fl. Dec.); near
Poelephantje. KEGEL 726 (fl. Febr.) named *Casearia lanceolata* Miq.

Surinam River, near Joden Savanne: SPLITGERBER 872 H L. B 268—19
(fl April.)

Surinam. KAPPLER 1618 named *Casearia lanceolata* Mig. Linnaea XIX.
753, HOSTMANN and KAPPLER ed. Hohenacker 1104 named *Casearia*
Benthamiana Mig. Ann. Sc. Nat. Ser I. T. III p. 38.; WULLSCHLAGEL
ex Eichler l. c. 479.

Casearia silvestris Swartz Fl. Ind. Occ II 752.

Paramaribo, near Tourtonne and Wanicapad, FOCKE 641 (fl. Sept.);
near Nieuwe Ryweg. FOCKE 764 (fl Dec.), near Poelepantje. KEGEL
189 (fl. July).

Surinam: WEIGELT H L. B 905, 268—22; HOSTMANN 325 and 878
named *Casearia carpinifolia* Bth, WULLSCHLAGEL ex Eichler l. c.
482, HOSTMANN H L. B. 903, 322—139.

All tropical and sub-tropical America.

Casearia javitenses H. B. K. Nov. Gen et Spec. V. 366 t. 479.

Surinam River. HOSTMANN and KAPPLER ed Hohenacker 1281.

Lower Saramacca River: PULLE 81 (fl Nov)

Surinam: HOSTMANN 592

Tropical South-America.

Casearia densiflora Bth. Hook. Journ. of Bot. IV 113,

var. **parvifolia** Eichl Flora Bras. XIII 1 p 486

Surinam: HOSTMANN and KAPPLER 1120, HOSTMANN 1150 ex Eichler
l. c. 486.

TURNERACEAE.

PIRIQUETA Aubl.

Piriqueta cistoides Meyer (emend. Urb.) Mon. Turn. p. 73.

var. α *genuina* Urb. Monogr. Turn. 73.

Marowyne River, near Albina: TULLEKEN 588 H. L. B. 903, 322—1202
(fl. Nov.), near Arminafalls WENT 563 (fl. Octob.)

Surinam River, near Station Victoria KAPPLER ed Hohenacker 1875
named by Miquel *Piriqueta lanceolata* Bth.

Coppename River. BOON 1116 (fl. Sept.)

Surinam: WULLSCHLÄGEL 221 ex Urban Flora Bras. XIII. 2 p. 106.

var. β *bracteolata* Urb. Flora Bras. XIII. 3 p. 105.

Surinam HOSTMANN 265

var. γ *foliosa* (Garcke) Urb. Mon. Turn. p. 73.

Piriqueta foliosa Garcke Linnaea XXII. p. 63.

Paramaribo near plant Kwatta. KEGEL 110 (fl. Aug.), WULLSCHLÄGEL
221 ex Urb. l. c.

var. δ *latifolia* Urb. Monogr. Turn. p. 74

Marowyne River KAPPLER (coll. 1861) H. L. B. 903, 322—519.

Lawa River: VERSTEG 356 (fl. Nov.)

Paramaribo WULLSCHLÄGEL 219 and 1477 ex Urb. l. c.

Para district. KAPPLER 1452.

Lower Saramacca River PULLE 46 (fl. Nov.)

Surinam. HOSTMANN 189 and 943; BERTHOUD COULON 517, WULLSCHLÄGEL
220 ex Urban l. c.

Tropical America.

TURNERA Linn.

Turnera rupestris Aubl. Plant. Guyan. I. 289 t. 113.

var. β *frutescens* (Aubl.) Urb. Mon. Turn. 89

Turnera frutescens Aubl. Plant. Guyan. I. 289 t. 113 f. 2.

Coppename River near Raleighfalls BOON 1026 (fl. Aug.)

Upper Nickerie River TULLEKEN 513 H. L. B. 903, 322—1005 (fl. Oct.)
Guyana.

Turnera Glazlovii Urb. Mon. Turn p. 93.

Upper Litanie River: VERSTEEG 427 (fl. Dec.)

Rio de Janeiro (cultivated)

Turnera guyanensis Aubl. Plant. Guyan. I. 201 t. 114.

Casewinica River KAPPLER 1880 (fl June)

Guyana, Venezuela, Trinidad.

Turnera odorata L. C Rich. in Act. Soc. Hist. nat. Par. (1792) p. 107.

Upper Saramacca River PULLE 428 (fl. Jan)

Surinam. HOSTMANN 252, WULLSCHLÄGEL 773 ex Urban Flora Bras.

XIII. 3 p. 441.

Tropical South-America.

Turnera ulmifolia Linn. Spec ed. I. 271

var. δ **surlinamensis** (Miq.) Urb Monogr. Turn 143

Turnera surinamensis Miq. Linnaea XVIII p. 748.

Para district KAPPLER 1519; near Onoribo. SPLITGERBER 626 H L. B.

905, 268-27 (fl March); FOCKE 879 (fl March)

Saramacca River, near Saron KEGEL 1279 (fl. May), named by Garcke,

Linnaea XXII p 62 *Turnera opifera* Mart.

Tropical Brazil, British Guyana

PASSIFLORACEAE

PASSIFLORA Linn

Passiflora costata Masters Flora Bras XIII. 1 p. 573

Lawa River KAPPLER (coll. 1861) ed. Hohenack 2118 (fl. Sept.),
KAPPLER H L B 903, 322—359.

Gonini River. VERSTEEG 177 (fl Aug), VERSTEEG 255 (fl, Octob.)

Tapanahoni River VERSTEEG 858 (fl Aug)

Surinam River, near Bergendal FOCKE 1148 named by Miquel *Passi-
flora elliptica* Gardn.

Upper Coppename River BOON 1090 (fl. Aug); 1113 (fl. Sept.); 1207
(fl Octob)

Surinam: WULLSCHLÄGEL ex Masters l. c

Passiflora suberosa Linn. Amoen. Acad. I. 226.

var. δ **pallida** (Linn.) Mast. Flora Bras. XIII 1 p 579.

Saramacca River, near Maripaston: KEGEL 1320 (fl. May) named *Passi-
flora Kegeliana* Garcke Linnæa XXII p. 60.

Surinam: LANDRÉ H L B 905, 268—6

West-Indies, Florida

Passiflora foetida Linn. Amoen Acad I. 288 t. 10.

Commewijne River, near plant. Nyd en Spyt. TULLEKEN 141 H L. B.
903, 322—1386 (fl. Aug)

Paramaribo: SPLITGERBER 20 H. L. B 905, 237—90 (fl. Nov.), KAPPLER
ed. Hohenacker 1918 (fl Apr), FOCKE 638 (fl. Sept.); near Beek-
huizen: KEGEL 650 (fl. Sept.)

Cottica district, near plant. Badenstein. SPLITGERBER 793 H. L. B. 905,
205—99 (fl Apr)

Surinam River, near plant Voorburg: TULLEKEN 102 H. L. B. 903,
322—1456 (fl. July.)

Lower Saramacca River WENT 213 (fl. Aug.); PULLE 31 (fl. Nov.)

Nickerie River: TULLEKEN 318 H L. B 903, 322—1046 (fl. Sept)

Surinam HOSTMANN 652, HOSTMANN H. L. B 903, 322—34.

Vernacular name: "Snecki Makoesar"

All tropical countries.

Passiflora cirrhiflora Juss. Ann Mus Hist. Nat. Par VI t. 41 f. 2
Upper Saramacca River, near Janbasigado. PULLE 200 (fl. Jan.)
Guyana.

This species is very closely allied to *Passiflora Jenmani* Mast. I have compared my specimen with Masters' in the Kew Herbarium, and have only found very small differences f. l. in the nerves, which are somewhat stronger in *Passiflora Jenmani*. Moreover my plant is much more glaucous.

The fruit, I possess, is not yet ripe, and is about 8 cm long and 5 cm broad. It does not show the three furrows, mentioned by Jussieu. In all other respects, the plant so perfectly agrees with Jussieu's description and figure, that I do not hesitate to identify it with *Passiflora cirrhiflora* Juss.

Passiflora vespertilio Linn. Amoen. Acad. I. t. 10 f. 11

Tapanahoni River. VERSTEEG 708 (fl. July).

Paramaribo. SPLITGERBER 603 H. L. B. 905, 268—3 (fl. March), named
Passiflora hemicycla G. F. W. Meyer and *Decaloba hemicycla* D. C.
by de Vriese. Ned. Kruidk. Archief I p. 345.

Paramaribo, near plant. Kwatta. KEGEL 865 (fl. March), named by
Garcke. Linnaea XXII p. 60 *Passiflora surinamensis* Miq.; near
Combéweg. WENT 568 (fl. Jan.)

Upper Saramacca River. PULLE 497 (fl. March)

Surinam. FOCKE 535 and 1246 named. *Passiflora surinamensis* Miq.
Linnaea XVIII p. 363.

Surinam. WULLSCHLAGEL 214, HOSTMANN 1095

Vernacular name "Zwarte Makoesar" (Versteeg).

Tropical Brazil, Guyana, Peru.

Passiflora serrata Linn. Amoen. Acad. I. 232 t. 10.

Paramaribo. FOCKE 1428 (fl. Jan.).

Para district. SPLITGERBER 1163 H. L. B. 905, 268—7 (fl. May), named.
Passiflora palmata Lodd. cf. de Vriese. Ned. Kruidk. Archief. I. p. 345.

Surinam. HOSTMANN and KAPPLER 804, WULLSCHLAGEL ex Masters
Flora Bras. XIII 1 p. 595.

Amazon district, French Guyana, Peru, West-Indies

Passiflora oblongifolia Pulle nova spec.

Rami glabri, teretes, striati. Folia subcoriacea, oblonga, basi rotundata, apice acuminata, supra nitida, subtus opaca, valde reticulata, margine obscure serrata. Petioli teretes, ad insertionem laminae glandulis 2 sessilibus instructi. Stipulae lineares, deciduae. Racemi elongati axillares foliosi pluriflores. Pedicelli longissimi, paulo infra florem bracteis 3 ovatis foliaceis margine glandulosis, apice brevissime 3—4 dentatis instructi. Floris tubus glaber, infundibuliformis, basi intrusus. Sepala membranacea oblonga obtusa, dorso sub apice corniculata. Petala sepalis aequilonga,

oblonga obtusa. Corona faucialis pluriserialis, filamentosa, filis extimis sepalis multo brevioribus, filis seriei secundae sepalis excedentibus, applanatis, versus apicem crassioribus, filis intermediis brevissimis numerosissimis, tubo vestientibus, filis intimis quam praecedentia paulo longioribus sed deflexis Corona media membranacea horizontalis, apice recurvata, margine minute denticulata Corona basilaris brevissima. Gynandrophorum gracile, ad basin processu trochleiforme instructum Filamenta complanata, antheris ovatis paulo supra mediam affixis Ovarium ovoideum glabrum, stylis 3 superatum. Stigmata majuscula, apice incisa Fructus ignotus.

Frutex scandens, cirrifer Folia 11—13 cM longa, 6—7 cM lata Venae laterales utrinque 5—7. Petiolus 1 cM longus Ramemi ad 15 cM. longae Pedicelli veluti 4—5 cM longi Bracteae $\frac{1}{2}$ cM a flore remotae, 4 cM longae, $2\frac{1}{2}$ cM latae Sepala $4\frac{1}{2}$ cM longa, $1\frac{1}{2}$ —2 cM lata Petala vix 1 cM lata Fila extima coronae faucialis $2\frac{1}{2}$ cM longa, fila seriei secundae ad 5 cM metientia Gynandrophorum 2 cM longum Filamenta antheris aequilonga, 1 cM. metientia. Ovarium 7 mM longum, 5 mM crassum Styl 5 mM. longi, stigmata 5 mM crassa.

Pl XIV f. 3.

Tapanahoni River, near Drie Tabbetje VERSTEEG 652 (fl. July).

Passiflora glandulosa Cav. Diss X tab 281

Lawa River, near Cottica Mountains VERSTEEG 318 (fl. Octob.).

Gonini River VERSTEEG 192 (fl. Sept.)

Tapanahoni River VERSTEEG 722 (fl. Aug.)

Surinam River, near Cassepoerakreek: KEGEL 1176 named *Tacsonia Fockeana* Miq., near Blauwe Berg. FOCKE 931 (fl. Sept.), near Station Victoria: KAPPLER ed. Hohenacker 1360, named *Tacsonia Fockeana* Miq. Linnaea XVIII p. 364

Para district. SPLITGERBER 731 H. L. B. 905, 208—9 (fl. March), Dr VOLTZ without number.

Saramacca River, near Maripaston. KEGEL 1424 (fl. May), named *Tacsonia subcoriacea* Garcke, Linnaea XXII p. 62, PULLE 65 (fl. Nov.).

Coppename River, near Raleighfalls BOON 1011 (fl. Aug.).

Upper Nickerie River. TULLEKEN 325 H. L. B. 903, 322—1057 (fl. Sept.); TULLEKEN 499 H. L. B. 903, 322—1244 (fl. Sept.).

Surinam. HOSTMANN and KAPPLER 1665; LANDRÉ H. L. B. 905, 268—10 Amazon district, Guyana

Passiflora laurifolia Linn Spec pl Ed II p. 1356.

Marowynne River. KAPPLER ed. Hohenacker 1991 (fl. Aug.)

Lower Surinam River, near plant. Jagtlust: TULLEKEN 92 H. L. B. 903, 322—1371 (fl. July)

Paramaribo SPLITGERBER 464 H. L. B. 905, 268—8 (fl. Jan.); KEGEL 486 (fl. Aug.) and 703 (fl. Febr.); WENT 351 (fl. Octob.)



3. Längsschnitt des

1, 2. *Passiflora glaucophylla* Pulle.

Lith. firma P. W. M. Trap.

Surinam: HOSTMANN 541 and 543; HOSTMANN H. L. B. 903, 322—171;
 SPLITGERBER 458 H. L. B. 905, 268—5 (fl. Dec).
 Vernacular name. »Makoesar" or »Para-Makoesar"
 Tropical Brazil, Guyana, West-Indies.

Passiflora serratifolia Linn. Amoen. Acad. 1 217 t. 10 f. 1.
 Surinam, ex Masters Flora Bras. XIII 1 p. 563
 Mexico, Martinique.

Passiflora nitida H. B. K. Nov. Gen. et Spec. II. 130.
 Surinam: WULLSCHLAGEL 1475 ex Masters l. c. 604.
 Amazon district, British Guyana, Columbia

Passiflora coccinea Aubl. Plant. Guyan. II. 828 t. 324.
 Marowynne River, near Albina. VERSTEEG 573 (fl. July).
 Commewynne River KAPPLER without number.
 Para district. Dr. VOLTZ without number
 Saramacca River: PULLE 186 (fl. Jan)
 Coppename River: BOON 1259 (fl. Octob.)
 Tropical Brazil, Guyana, Peru

Passiflora pedata Linn. Amoen. Acad. I. 233 t. X. f. 22.
 Surinam: HOSTMANN (?) 633 in hb. Rheno-Traject.
 Cuba, British Guyana.

Passiflora guyanensis Miq. Linnaea XVIII p. 751
 Paramaribo, near plant Kwatta. KEGEL 858 (fl. March)
 Surinam: KAPPLER 1595

Passiflora picturata Ker Bot. Reg. tab. 673.
 Paramaribo. WULLSCHLAGEL ex Masters Flora Bras. XIII. 1 p. 617.
 Amazon district

Passiflora glaucophylla Pulle nov. spec.

Rami glabri, teretes, striati. Folia membranacea, glabra ad medium triloba, supra nitida, subtus glauca, peltata, basi rotundata, lobis integris acutis et brevissime mucronatis. Petioli teretes, lamina breviores, glandulis 6—8 instructi. Stipulae magnae, oblique oblongo-lanceolatae, foliaceae, basi productae et rotundatae, apice acutae et mucronatae. Cirrhi longissimi, teretes. Flores solitarii, axillares. Pedunculi petiolo breviores, bracteis 3 parvis cordato-ovatis acutis a flore remotis instructi. Floris tubus glaber, infundibuliformis, basi intrusus. Sepala membranacea, oblonga obtusa, in parte superiore dorso anguste alata, ala sub apice sepali corniculata. Petala sepalis aequilonga, obtusa, violacea. Corona faucialis pluriserialis, filis extimis sepalis aequilongis capillaceis violaceis, intimis multo minoribus apice clavatis. Corona media membranacea primum reflexa, ceterum erecta, apice filis longis, coronae faucialis filis intimis multo excedentibus

instructa Corona inframediana brevis, carnulosa, deflexa Corona basilaris erecta, tubulata, membranacea, margine obtuse serrata, basin gynandrophori cingens Gynandrophorum gracile, teres Filamenta valde applanata Antherae ovatae, obtusae, paulo supra medium ad filamenta connatae Ovarium ellipsoideum, glabrum, stylis 3 clavatis superatum Stigmata majuscula Fructus non suppetit.

Frutex cirrhifera, scandens Folia 14—15 cM longa, 18—20 cM lata Petiolus 7—8 cM longus, 3—4 mM a basi folii remotus. Stipulae \pm 4 cM longae, 1½ cM latae Pedunculi 5 cM longi, bracteae 1½ cM a flore remotae, 8 mM longae, 4 mM latae Sepala 3½ cM longa, 1½ cM lata. Petala sepalis aequilonga vix 1 cM. lata Fila coronae membranaceae 1 cM longa Gynandrophorum 1½ cM longum Antherae et filamenta ad 1 cM longae Ovarium 6 mM. longum, 4 mM crassum Styli 1½ cM. longi, stigmata 5 mM. lata

Pl. XIV. f. 1, 2. Pl. XV

Species ut videtur ex affinitate Passiflorae glaucae Aiton.

Upper Saramacca River · PULLE 223 (fl. March).



CARICACEAE.

CARICA Linn.

Carica Papaya Linn Spec. plant. 1466.

Gorini River VERSTEEG 65 (fl Aug).

Paramaribo · KEGEL 970 (fl. Aug) and 1040 (fl Nov.)

Surinam HOSTMANN H. L. B. 903, 322—299, SPLITGERBER 150 H L B
905, 237—85 (fl Nov.)

Cultivated in all tropical countries.

BEGONIACEAE.

BEGONIA Linn.

Begonia scandens Sw Prodr. Fl. Ind Occ 86

Gonini River VERSTEEG 226 (fl. Sept)

Tapanahoni River VERSTEEG 758 (fl. Aug.)

Surinam River, near plant. Jagtlust SPLITGERBER 590 H. L. B. 898,
195—157 and 155 (fr Febr.), FOCKE 221 H L B 898, 195—156,

FOCKE 467 named by Miquel *Begonia glabra* Aubl.

Saramacca River, near Maripaston. KEGEL 1326 (fl May)

Jamaica, Venezuela, Guatemala, Guyana, Peru.

CACTACEAE.

CEREUS Haw

Cereus flagelliformis (Linn.) Mill Dict ed. VIII n. 12

Cactus flagelliformis Linn. Spec. pl Ed I p. 467.

Surinam, teste K Schumann, Flora Bras. IV. 2 p. 208.

Tropical Brazil, West-India.

Cereus triangularis (Linn.) Haw. Syn 180.

Cactus triangularis Linn Spec plant. ed I. p 468

Nieuw-Nickerie · TULLEKEN 537 H. L. B. 903, 322—1453 and 1518

Mexico, cultivated in all tropical countries

Cereus Jamacaru P DC. ap. S-D. Hort Dyck. 336

Upper Litanie River, near Knopaiamoi VERSTEEG without number
(fl Dec.)

PHYLLOCACTUS Lk

Phyllocactus Phyllanthus (L.) Link Handb II p. 21

Cactus Phyllanthus Linn Spec pl ed I 469

Tapanahoni River VERSTEEG 704 (fl Sept)

Surinam SPLITGERBER 1135 H. L. B 898, 321—307.

Northern Brazil, Guyana, West-Indies.

Phyllocactus Hookeri Pfeiff et Otto Abbild und Beschr. I. t. 5

Surinam, teste K Schumann Flora Bras. IV 2 p 222

Brazil.

RHIPSALIS Gärtn.

Rhipsalis Cassytha Gärtn. Fr. I 137

Gonini River VERSTEEG 206 (fl Sept)

Paramaribo SPLITGERBER 32 H. L. B 898, 321—325, FOCKE 294

Coppename River BOON 1241

Tropical Brazil, West-Indies, Columbia, Tropical Africa.

Rhipsalis minutiflora K Schum. Flora Bras IV 2 p 271.

Surinam KAPPLER 1720 named by Miquel · *Rhipsalis funalis* var. β

gracilior Salm-Dyck; HOSTMANN 393; HOSTMANN H. L. B. 903, 322—293;
WULLSCHLÄGEL ex Schumann l. c

NOPALIA Salm-Dyck

Nopalía coccinellifera (Linn.) Salm-Dyck Cact. hort Dyck. 63.

Cactus cochenillifer Linn. Spec. pl. ed. 1. 468.

Gonini River: VERSTEEG 292 (fl. Aug.)

Western Coronie TULLEKEN 543 H. L. B. 903, 322—950.

Vernacular name. „Nopari”

All tropical America.

LYTHRACEAE.

CUPHEA P. Br.

- Cuphea balsamona** Cham et Schild. *Linnaea* II p 363
Marowyne River, near Albina. VERSTEEG 43 (fl. July).
Surinam HOSTMANN and KAPPLER 42.
Tropical and sub-tropical America,

CRENEA Aubl.

- Crenea maritima** Aubl. *Plant Guyan.* 523 t 209.
Lower Surinam River: WULLSCHLÄGEL 166 ex Kohne, *Pflanzenreich*
IV 216 p. 220.
Surinam HOSTMANN 316.
Amazon district, French Guyana.
- Crenea surinamensis** (Linn f) Köhne in *Engl. Botan Jarhrb.* III 320.
Dodecas surinamensis Linn f *Suppl* 245
Surinam River, near Paramaribo KEGEL 323 (fl July).
Surinam. SPLITGERBER 344 H. L. B. 903, 343—307 (fl. Dec), FOCKE
168 (fl, May), HOSTMANN 1289
Columbia, British Guyana, tropical Brazil.

LAGERSTRÖMIA Linn

- Lagerströmia indica** Linn. *Spec plant. ed* II 734
Paramaribo: KEGEL 1031 (fl. Octob.)
Nieuw-Nickerie. TULLEKEN 316 H. L. B 903, 322—1050 (fl. Sept.)
Vernacular name. Jamponika" (Tulleken)
Tropical and sub-tropical Asia

LAWSONIA Linn

- Lawsonia inermis** Linn *Spec. pl ed.* I. 349.
Paramaribo: FOCKE 899 (fl. Apr.), TULLEKEN 188 H. L. B. 903, 322—
1261 (fl. Aug.), WENT 342 (fl Octob.), VERSTEEG 568 (fl July.)
Saramacca River, near Groningen WENT 236 (fl. Aug.)
Vernacular name: "Reseda".
Tropical Asia and Africa.

PUNICACEAE.

PUNICA Linn.

Punica Granatum Linn Spec. plant. 676.

Cultivated everywhere in the colony

All tropical and sub-tropical countries

LECYTHIDACEAE.

GUSTAVIA Linn

Gustavia augusta Linn. Diss de plant surin p 17.

Lawa River, near Cottica mountains VERSTEEG 266 (fl. Octob.)

Upper Tapanahoni River VERSTEEG 909 (fl Octob.)

Paramaribo, near plant. Kwatta. KEGEL 1235 (fl. Jan)

Upper Para River WENT 381 (fl. Sept.)

Lower Saramacca River: PULLE 66 (fl. Nov.)

Upper Coppename River BOON 1188 (fl Sept.)

Upper Nickerie River TULLEKEN 411 H. L. B. 903, 322—1186, 1188,
1195 and 1200 (fl Sept.)

Surinam: HOSTMANN 276, FOCKE 863, SPLITGERBER H. L. B. 898,
206—312

Vernacular name "Stinkhout" (Splitg.), "Watra-mama-bobbie" (Pulle,
Versteeg), "Aripawana" (Versteeg.)

Northern Brazil, Guyana

Gustavia pterocarpa Poit. Mem Mus. XIII. t 6 et 7

Upper Tapanahoni River VERSTEEG 917 (fl. Octob.).

Surinam HOSTMANN 1210.

French Guyana.

COUROUPITA Aubl

Couroupita surinamensis Mart. ex Berg, Linnaea XXVII 462.

Commewyne River, near plant. Lustryk SPLITGERBER 355 H. L. B. 898,
206—30 (fl. Dec)

Paramaribo: KEGEL 489 (fl Aug.), WULLSCHLAGEL 202.

Vernacular name: "Bosch kalebas" (Splitg.)

LECYTHIS Linn.

Lecythis venusta Miers Transact. Linn Soc XXX p. 214

Surinam: HOSTMANN 1302

British Guyana

Lecythis rubicunda Miers Transact Linn Soc. XXX p. 226

Surinam: HOSTMANN 1260.

French Guyana.

ESCHWEILERA Mart.

Eschweilera salebrosa (Berg) Ndz. Naturl. Pflanzenfam. III. 7 p. 40

Lecythis salebrosa Berg in Flora Bras XIV 1 p. 488

Para district, near plant. Berlyn. WULLSCHLÄGEL 1472

Eschweilera marowynensis (Berg) Ndz. Mss in hb. Berol.

Lecythis marowynensis Berg Flora Bras XIV. 1 p 489 t 69.

Surinam WULLSCHLÄGEL 1473

Eschweilera idatimonoides (Berg) Miers Transact Linn Soc XXX. p 252

Lecythis idatimonoides Berg Flora Bras. XIV 1 p. 496 t 73.

Surinam. WULLSCHLÄGEL 203

Eschweilera corrugata (Poit) Miers Transact. Linn Soc XXX p. 253

Lecythis corrugata Poit Mem. Mus. XIII. 145 t. 3.

Lawa River KAPPLER ed Hohenacker 2120, named by Grisebach:

Lecythis Idatimon Aubl.; KAPPLER (coll. 1861) H. L. B. 903, 322—385
(fl. Octob)

Litanie River VERSTEEG 412 (fl Dec.)

Surinam River, near Joden Savanne: KEGEL 1163 (fl. Nov).

Para district KAPPLER ed Hohenack. 1479 named by Miquel *Lecythis*

Idatima Aubl, near plant. Berlyn; FOCKE 1002 (fl Aug.)

Guyana

Eschweilera longipes (Poit.) Miers Transact Linn Soc XXX. 253.

Lecythis longipes Poit Mém Mus. XIII. 144 t 1 et t. 6a.

Lawa River. VERSTEEG 540 (fl Dec)

Gonini River VERSTEEG 132 (fl Aug)

Surinam. FOCKE 1232; FOCKE H. L. B. 808, 206—358; HOSTMANN 629.

Vernacular name »Man-Barklak" (Focke).

French Guyana.

Eschweilera macrophylla (Berg) Miers Transact. Linn Soc XXX p 263

Lecythis macrophylla Berg Flora Bras. XIV. 1 p 616

Paramaribo WULLSCHLÄGEL 1471 named *Lecythis Wullschlagehana*

Berg. l c p 493, ANDERSON ex Miers l c. 263.

French Guyana.

Eschweilera subglandulosa (Steud.) Miers Trans. Linn. Soc. XXX.

p. 266

Lecythis subglandulosa Steud.

Marowynne River KAPPLER ed Hohenacker 886 (fl Aug.)

Gonini River: VERSTEEG 70 (fl. Aug.)
 Tapanahoni River: VERSTEEG 664 (fl. July)
 Para district SPLITGERBER 1033 H. L. B. 898, 206—348 (fl. Jan.).
 Coppename River: WENT 136 (fl. Aug.)
 Surinam: HOSTMANN 186

COURATARI Aubl

Couratari guyanensis Aubl Plant Guyan. II. 724 t 290.
 Surinam River, near Blanwe Berg SPLITGERBER 894 H. L. B. 898,
 206—21
 Vernacular name: »Injie-pipa»
 French Guyana.

Couratari Vriesii Miers Transact. Linn Soc XXX. 284.
 Surinam: (Splitgerber?) ex Miers l. c.

ALLANTOMA Miers

Allantoma subramosa Miers Transact. Linn. Soc. XXX 292
 Surinam ex Miers l c
 French Guyana

Allantoma fagifolia (Miq.) Miers Transact Linn Soc XXX 298.
Lecythis fagifolia Miq
 Marowyne River. KAPPLER ed Hohenacker 1830 (fl. Sept.)

RHIZOPHORACEAE.

RHIZOPHORA Linn

- Rhizophora Mangle** Linn Spec pl 634
Lower Surinam River · FOCKE 679
Tropical America

CASSIPOUREA Aubl.

- Cassipourea guyanensis** Aubl. Plant. Guyan. I 529 t. 211
Marowyne River KAPPLER 1170
Surinam. HOSTMANN.
Guyana.

MYRTACEAE

CALYCOLPUS Berg.

Calycolpus glaber (Bth.) Berg Flora Bras XIV 1 p. 411.

Campomanesia glabra Bth. in Hook Journ of Bot II. 319.

Surinam River, near Station Victoria KAPPLER ed. Hohenacker 1700
(fl. Octob.), named by Miquel Linnaea XXII p. 169 *Psidium fluviatile* Rich

Amazon district, British Guyana.

Calycolpus Götheanus (Mart) Berg Flora Bras XIV 1 p. 412.

Myrtus Gotheanus Mart ex D C Prodr. III. 240

Surinam NOLTE in Hb. Götting.

Amazon district

Calycolpus Kegelianus Berg Linnaea XXVII p 381.

var. α **robusta** Berg 1 c 381.

Para district: WULLSCHLAGEL

var. β **gracilis** Berg. 1 c. 382.

Saramacca River, near Maripaston KEGEL 1341 (fl. May)

Calycolpus revolutus (Schauer) Berg Linnaea XXVII p. 383

Myrtus revoluta Schauer Linnaea XXI p 272

Surinam River. FOCKE 236 named by Miquel. *Myrtus calophylla*

H. B. K. Nov Gen. et Spec. VI. p 133; near Joden Savanne KEGEL

1148 (fl. Nov.); near Savanne Kompas: WENT 390 (fl. Sept.)

PSIDIUM Linn.

Psidium polycarpon Lamb. Transact Linn. Soc. XI 231 t. 17

Gonini River VERSTEEG 162 (fl. Aug.)

Upper Tapanahoni River VERSTEEG 802 (fl. Aug.)

Paramaribo KEGEL 132 (fl. July).

Para district, near Post Republiek. TULLEKEN 207 H. L. B. 903, 322 —

1413 and TULLEKEN 250 H. L. B. 903, 322 -1443 (fl. Aug.)

Surinam River, near Bergendal FOCKE 1161

Vernacular name. "Wilde Guave" or "Water Guave."

Brazil, Guyana

Psidium Guyava Raddi Mém 1821 p 2

Surinam River, near plant Morea: Dr VOLTZ.

Surinam: SPLITGERBER 94 H L B 898, 207—139 (fl Nov.); HOSTMANN

H L B. 903, 322—122, WULLSCHLAGEL 976 ex Berg

Vernacular name "Guave"

Tropical America; cultivated in all tropical countries.

PIMENTA Lindl.**Pimenta acris (Swartz) Lindl.**

Myrtus acris Swartz Fl. Ind. Occ. II p. 909.

Paramaribo. FOCKE 314 (fl March).

Lower Saramacca River, near plant. Johanna Catharina. WENT 243 (fl Aug)

Surinam SPLITGERBER 1038 H L B 898, 207—44 (fl. May), without collector's name. H L B 898, 207—38 and 39.

Vernacular name. "Bayboom" (Went) or "Beerum" (Splitg)

Venezuela, Guyana, West-Indies

MYRCIA D C.**Myrcia Kegellana Berg** Flora Bras. XIV 1 p. 168**var. α. latifolia Berg** 1 c

Paramaribo, near Poelephantje. KEGEL 214 (fl May)

Surinam River. HOSTMANN and KAPPLER 1246 named *Eugenia paniculata* Steud Flora 1843 p 762

Upper Saramacca River PULLE 499 (fl March).

Surinam HOSTMANN 485 named by Miquel in Linnaea XXII p 171

Myrcia Berberis D. C.

var. β longifolia Berg 1 c

Surinam: WULLSCHLAGEL ex Berg

var. γ angustifolia Berg 1 c.

Commewyne River, near plant. Waiampibo: SPLITGERBER 494 H L B 898, 206—831 (fl Jan.)

Paramaribo: KEGEL 840 (fl. March); near plant. Kwatta FOCKE 1376 (fl July).

Surinam: HOSTMANN 485

var. δ vulgaris Berg 1. c.

Paramaribo. WULLSCHLAGEL 198, 879, 880

Para district SPLITGERBER 1165 H L B. 898, 206—800 (fl. May).

Surinam. HOSTMANN 372 and 629

var. ε pendula Berg 1. c

Saramacca River, near Maripaston: KEGEL 1288 (fl. May.)

Amazon district, Guyana.

Myrcia Berberis D. C. Prodr. III. 254.**var. β angustifolia Berg** Flora Bras XIV. 1 p 170.

Paramaribo KEGEL 479 (fl. Aug.)

Surinam: KAPPLER 151.

Amazon district

Myrcia ambigua D C. Prodr. III. 252.

var. δ **sylvatica** (D. C.) Berg Flora Bras. XIV. 1 p. 180.

Myrcia sylvatica D C Prodr. III. p. 244.

Surinam River, near Joden Savanne: SPLITGERBER 859 H. L. B. 898,

206—756 (fl. April); TULLEREN 17 H. L. B. 903, 322—1166 (fl. Aug.).

KAPPLER ed Hohenacker 1699 (fl. Octob.), KEGEL 215 (fl. Nov.).

Upper Surinam River FOCKE 227 (fl. Nov.), near Bergendal FOCKE 1027 (fl. Oct.) near Kompas: WENT 396 (fl. Sept.); near Bergendal:

WULLSCHLAGEL 197

Saramacca River, near Maripaston: KEGEL 1313 (fl. May).

Surinam. NOLTE in hb. Götting; HOSTMANN 828, Dr. VOLTZ.

Brazil, Guyana.

AULOMYRCIA Berg.

Aulomyrcia Hostmanniana Berg Linnaea XXVII p. 42.

var. α **robustior** Berg l. c.

Para district: WULLSCHLAGEL 199.

Upper Saramacca River: PULLE 146 (fl. Jan.).

var. β **gracilior** Berg l. c.

Surinam KAPPLER 755; HOSTMANN 881 named by Miquel. *Myrcia divergens* D C.

British Guyana.

Aulomyrcia Wullschlägeliana Berg Linnaea XXVII p. 48.

Upper Surinam River: WULLSCHLAGEL ex Berg. l. c.

Aulomyrcia subobliqua (Bth.) Berg Linnaea XXVII p. 57.

Eugenia subobliqua Bth Hook. Journ. of Bot. II. 322.

Surinam River, near Bergendal: FOCKE without number.

British Guyana.

Aulomyrcia divaricata Berg Linnaea XXVII p. 58.

Surinam River. KAPPLER ed Hohenacker 1702 (fl. Octob.); NOLTE in Hb. Götting.

Aulomyrcia surinamensis (Miq.) Berg Linnaea XXVII p. 64.

Myrcia surinamensis Miq Linnaea XXII p. 170, Stirp. Surin. Select. p. 35.

Surinam River, near Bergendal: FOCKE 1152 (fl. Octob.).

Aulomyrcia obtusa (Schauer) Berg Linnaea XXVII p. 66

Myrcia obtusa Schauer Linnaea XXI p. 272.

var. α **grandifolia** Berg l. c.

- Para district. SPLITGERBER 1146 H. L. B. 898, 206—773 (fl. June).
 var β **pauciflora** Berg l. c.
 Saramacca River, near Maripaston: KEGEL 1308a (fl. May).
 var γ **panicularis** Berg l. c.
 Surinam River, near Bergendal WULLSCHLAGEL 159 ex Berg, l. c.
 Saramacca River, near Maripaston, KEGEL 1308c (fl. May)
 var δ **tenuifolia** Berg l. c.
 Saramacca River, near Maripaston KEGEL 1308d (fl. May)
 var. ϵ **longipes** Berg l. c.
 Saramacca River, near Maripaston KEGEL 1308b (fl. May).

MARLIÈREA Camb.

- Marlierea suffruticosa** Berg Linnaea XXVII p. 16
 Surinam River near Joden Savanne: KEGEL 216 and 1126 (fl. Nov.)
 Surinam. HOSTMANN 1176 named by Miquel Linnaea XXII p. 172 and
 Stirp. Surin. Select. p. 37 *Calyptranthes obtusa* Bth.

EUGENIA Linn.

- Eugenia vaga** Berg Flora Bras. XIV. 1 p. 238.
 var. γ **dipoda** Berg l. c.
Eugenia dipoda D. C. Prodr. III. 267.
 Para district. SPLITGERBER.
 Saramacca River, near Saron: KEGEL 1275 (fl. May)
 var. ϵ **rigida** Berg l. c. 239
 Para district. WULLSCHLAGEL 196 ex Berg. l. c.
 Surinam River, near Joden Savanne KEGEL 1143 (fl. Nov.), TULLEKEN
 164 H. L. B. 903, 322—1248 (fl. Aug.)
 Saramacca River, near Maripaston KEGEL 1296 (fl. May).
 Northern Brazil, Venezuela, Guyana,
Eugenia psidioides D. C. Prodr. III. p. 268.
 Surinam: KEGEL 236.
Eugenia surinamensis Miq. Linnaea XVIII p. 743.
 Surinam River, near Station Victoria: KAPPLER ed. Hohenacker 1401a,
Eugenia chrysophylloides D. C. Prodr. III. p. 267.
 Warappa creek, near plant. Ponthieu FOCKE 1348
 Para district. SPLITGERBER 1028 H. L. B. 898, 203—133 (fl. May).
 Surinam. HOSTMANN 787.
 French Guyana.
Eugenia latifolia Aubl. Plant. Guyan. I. 502 t. 199.
 Paramaribo. WULLSCHLAGEL 193
 French Guyana

Eugenia egensis D C Prodr. III p 281

Surinam River KAPPLER ed. Hohenacker 1920 (fl. April), named
Eugenia tenuiramis Miq. Sturp. Surin. Select. p. 39.
Brazil.

Eugenia atropunctata Steud. Flora 1843 p. 762.

Surinam: HOSTMANN and KAPPLER ed. Hohenacker 1108, KAPPLER
1701, named by Miquel Linnaea XXII p 173 *Eugenia polystachya*
L. C. Rich

Eugenia uniflora Linn. Spec. plant. 470.

Paramaribo FOCKE 255.

Lower Saramacca River, near Groningen WENT 249 (fl. Aug.)

Surinam · SPLITGERBER 332 H. L. B. 898, 203—776 (fl. Dec.).

Vernacular name · "Kersenboom" or "Surinaamsche kers."

Cultivated in all tropical countries

CALYCORECTES Berg

Calycorectes grandifolius Berg Linnaea XXVII p. 317.

Lower Saramacca River, near Maripaston. PULLE 11 (fl. Nov.).

Surinam River, near Station Victoria: KAPPLER 1365, named by Miquel

Eugenia ramiflora Desv. (?).

French Guyana

MYRCIARIA Berg.

Myrciaria polyantha (Miq.) Berg Linnaea XXVII p. 322

Eugenia polyantha Miq. Linnaea XVIII p. 741.

Surinam HOSTMANN and KAPPLER 1385.

Myrciaria Schaueriana (Miq.) Berg Linnaea XXVII p. 323.

Eugenia Schaueriana Miq. Linnaea XXII p. 174.

Para district · KAPPLER ed. Hohenacker 1429 (fl. Febr-Apr)

Myrciaria protracta (Steud.) Berg Linnaea XXVII p. 330.

Eugenia protracta Steud. Flora 1843 p. 762.

Surinam HOSTMANN and KAPPLER ed. Hohenacker 1159; HOSTMANN 1192.

Myrciaria Salzmanni (Bth) Berg Linnaea XXVII p 331

Eugenia Salzmanni Bth in Hook Journ of Bot. II p. 320.

Paramaribo · SPLITGERBER 1147 H. L. B 898, 203—667 and 669 (fl. June.)

Britisch Guyana.

Myrciaria marowynensis (Miq.) Berg Linnaea XXVII p. 335

Eugenia marowynensis Miq. Sturp. Surin. Select. p. 39.

Surinam KAPPLER 1919.

JAMBOSA D. C

Jambosa vulgaris D. C. Prodr. III. p 286.

Surinam River, near plant Jagtlust TULLEKEN 86 H. L. B. 903, 322—
1365 (fl. July).

Paramaribo, near plant. Tourtonne KEGEL 344 (fl July.)

Lower Saramacca River, near plant. Vier Hendrikken WENT 214 (fl. Aug).

Surinam: SPLITGERBER 1148 H. L. B. 898, 203—291 and 273 (fl Febr.—
March)

Vernacular name: »Pomme de Rose" or »Pommeroos"

East-India; cultivated in all tropical countries.

COMBRETACEAE.

TERMINALIA Linn.

Terminalia Catappa Linn. Mant 519.

Marowyne River, near Albina VERSTEEG 553 (fl. June).

Paramaribo. KEGEL 979 (fl. Aug.) named by Miquel Linnaea XXII p.

73. *Terminalia latifolia* Swartz, WENT 484 (fl. Octob.), FOCKE 800 (fl. May)

Surinam. HOSTMANN 812a; SPLITGERBER 83 H. L. B. 899, 257—558 (fl. Nov.).

Vernacular name „Amanda” or „Amandelboom”.

East-India, cultivated in tropical America.

Terminalia Tanibouca Smith in Rees Cycl. XXXV n. 11.

Tanibouca guyanensis Aubl. Plant Guyan I 448. t. 178.

Marowyne River: KAPPLER ed. Hohenacker 1962 named by Miquel, Linnaea XVIII p. 368. *Terminalia dichotoma* Meyer.

Tapanahoni River: VERSTEEG 647 (fl. July).

Surinam DUMORTIER without number, HOSTMANN 744, WULLSCHLÄGEL ex Eichler Flora Bras. XIV 2 p. 84.

Northern Brazil, Guyana

Terminalia lucida Hoffmsg. ex Mart. et Zucc. Nov. Gen. I. 43.

Lower Marowyne River: WULLSCHLÄGEL ex Eichler l. c. 85.

Brazil, French Guyana.

BUCHENAVIA Eichl.

Buchenavia capitata (Vahl) Eichl. Flora Bras. XIV 2 p. 96.

Bucida capitata Vahl Eclog I 50 t. 8.

Para district, near plant. Berlyn WULLSCHLÄGEL ex Eichler l. c.

Surinam HOSTMANN and KAPPLER 1151

Tropical South-America.

CONOCARPUS Gärtn.

Conocarpus erecta Jacq. Americ. 78 t. 52.

Cottica River, near plant Zeezigt SPLITGERBER 798 H. L. B. 899, 257—318 (fl. April).

Tropical and sup-tropical America, tropical Africa.

BUCIDA Linn.

Bucida Buceras Linn. Spec. plant 556

Surinam, at the sea-coast. SPLITGERBER 354 H. L. B. 899, 257—500 (fl. Dec.).

Guyana, West-Indies, Central America, Florida

COMBRETUM Linn

Combretum Aubletii D. C. Prodr. III p 19

Marowyne River. KAPPLER 1998 (fl. Aug.)

Gonini River. VERSTEEG 156 (fl. Aug.).

Tapanahoni River VERSTEEG 707 (fl. July)

Para district HOSTMANN and KAPPLER 825 (fl. Sept.), named *Combretum punctatum* Steud Flora 1843 p 761

Surinam River, near Cassepoera Kreek KEGEL 1192 (fl. Nov.), near

Bergendal: FOCKE 407, named *Combretum guyanense* Miq in Ann of Nat Hist. XI p 12, and in Stirp Surin. Select p 62

Upper Coppename River. BOON 1251 (fl. Octob.).

Surinam SPLITGERBER 829 H. L. B. 899, 257—89 (fl. April), NOLTE in hb. Gotting, HOSTMANN H. L. B. 903, 322—353; MENZE, WULLSCHLAGEL ex Eichler l c 109

Brazil, Guyana

Combretum Jacquinii Griseb Flora Br. West. Indian Islands p. 275

var. *≡ laxa* Eichl. Flora Bras. XIV 2 p 115.

Tapanahoni River. VERSTEEG 612 (fl. July); VERSTEEG 746 (fl. Aug.)

Surinam River, near Bergendal FOCKE 1313 (fl. May).

Surinam KEGEL 259 named by Miquel Linnaea XXII p 73. *Poirrea alternifolia* D C, HOSTMANN 138 named *Combretum terminaloides* Steud in Flora 1843 p. 762.

Tropical America

var. *≡ pulchella* Eichl. Flora Bras XIV. 2 p. 116.

Upper Commewyne district. FOCKE 212 (fl. Sept.)

Paramaribo FOCKE 832 (fl. Sept.)

Pauluskreek FOCKE 1416 (fl. Sept.)

Surinam Dr. VOLTZ without number

Tropical Brazil.

Combretum obtusifolium L. C. Rich in Act. Soc. Hist. Nat. Par. 1791 p. 108.

Marowyne River: KAPPLER ed, Hohenacker 1828 (fl. Aug.).

Gonini River: VERSTEEG 56 (fl. Aug.)
 Lower Coppename River: WENT 123 (fl. Aug.)
 Upper Coppename River: BOON 1038 (fl. Aug.).
 Amazon district, Guyana.

CACOUCIA Aubl.

Cacoucia coccinea Aubl Plant Guyan I 450 t. 179
 Tapanahoni River: VERSTEEG 540 (fl. July).
 Cottica River FOCKE 23 H. L. B. 899, 257—42 (fl. Octob.)
 Surinam River, near Cassepoerakreek: KEGEL 1191 (fl. Nov.).
 Lower Coppename River WENT 126 (fl. Aug.)
 Upper Coppename River BOON 1257 (fl. Octob.)
 Nickerie River: TULLEKEN 409 H. L. B. 903, 322—1506 (fl. Sept.)
 Surinam: SPLITGERBER 331 H. L. B. 899, 257—45 and 46 (fl. Dec.),
 HOSTMANN and KAPPLER 1032; WULLSCHLAGEL ex Eichler l. c. 122.
 Vernacular name »Jalimano'' (Hostmann).
 Northern Brazil, Guyana, Trinidad.

QUISQUALIS Linn.

Quisqualis indica Linn Spec. plant. ed II. p. 556
 Paramaribo: WENT 488 (fl. Octob.).
 Tropical Asia and Africa, cultivated in tropical America.

LAGUNCULARIA Gärtn f

Laguncularia racemosa Gärtn. f. Carpol. III 209 t. 217.
 Commewyne River, near plant Maasstroom FOCKE 1366 (fl. Octob.)
 Paramaribo, near Poelepantje: KEGEL 324 (fl. July)
 Surinam: HOSTMANN 612 named *Laguncularia obovata* Miq. Linnaea
 XVIII p 752, HOSTMANN and KAPPLER 1607.
 Tropical America and Africa

MELASTOMATACEAE

PTEROLEPIS Miq.

Pterolepis trichotoma (Rottb.) Cogn. Flora Bras. XIV 3 p 261

Rhexia trichotoma Rottb Descr Pl. rar Surin 9 tab 5.

Para district. WULLSCHLAGEL 171 ex Cogn. l c, near Onoribo: SPLITGERBER 693 H L B 904, 280—40 (fl. March).

Tropical and subtropical Brazil, Guyana

Pterolepis pumila (D. C.) Cogn. Flora Bras. p. 263.

Osbeckia pumila D. C. Prodr III 141.

Para district near Onoribo FOCKE without number, named *Pterolepis pusilla* Miq. in Linnaea XVIII p. 619 and Sturp Surin Select. p. 55.
British Guyana.

Pterolepis glomerata (Rottb.) Miq Comm. Phyt. p. 78 and Linnaea XVIII p. 276 and Sturp Surin. Select p. 55.

Rhexia glomerata Rottb Descr Pl Surin 3 tab. 4

Marowyne River, near Albina. WENT 454 and 483 (fl. Octob.); VERSTEEG 38 (fl July)

Paramaribo · KEGEL 920 (fl June), WENT 291 (fl Aug.), TULLEKEN 53 H. L. B. 903, 322—1298 (fl July), SPLITGERBER 134 H. L. B. 904, 280—38 (fl. Dec.), VAN HALL 60c (fl Jan.)

Upper Surinam River Dr. VOLTZ without number.

Para district, near Post Republick TULLEKEN 208 H. L B 903, 322—1135 (fl. Aug.)

Para district: HOSTMANN and KAPPLER 1135; HOSTMANN 867, 1131, 1231. ex Cogn. l c

Surinam. BERTHOUD COULON 274 ex Cogn. l. c., FOCKE 303 and 43; HOSTMANN H. L. B. 903, 322—329.

Tropical South-America.

TIBOUCHINA Aubl.

Tibouchina aspera Aubl. Plant. Guyan. I. 446 tab. 177.

Para district · KAPPLER 1051 named *Bractearia Kappleri* Steud.

Surinam HOSTMANN 1051, MENZE ex Cogn. 1 c.

Tropical South-America.

var. γ **asperrima** Cogn Flora Bras. p. 375.

Para district · SPLITGERBER; WULLSCHLAGEL 177 ex Cogn. 1. c.; Berlijn
in savannahs WENT 382 (fl. Sept.), near Post Republiek. TULLEKEN
186 H. L. B. 903, 322—1258 (fl. Aug.)

Saramacca River, near Saron. KEGEL 1286 (fl. May)

Surinam Dr. VOLTZ without number; MENZE ex Cogn 1 c

British Guyana.

COMOLIA D. C

Comolia lythrarioides (Steud.) Naud Ann Sciences Nat. ser. 3 XIII p. 27
Hostmannia lythrarioides Steud in Plantae Kapplerianae Surinamenses
ed. Hohenacker No 1420.

Para district. KAPPLER 1420 in savannahs SPLITGERBER 699 H. L. B.
904, 280—16

Surinam HOSTMANN 509 named *Comolia surinamensis* Miq Stirp. Surin
Select p 55.

British Guyana

var. β **major** Cogn. Flora Bras p 423

Paramaribo. WULLSCHLAGEL 174 ex Cogn 1 c.

Comolia veronicaefolia Benth in Hook. London Journ. of Botany II 295.

Para district, Joden Savannah KEGEL 1112, near plant Berlyn · SPLIT-
GERBER 1162 H. L. B. 904, 281—20, and 904, 281—19.

Saramacca River, near Maripaston. KEGEL 1305 (fl. June).

British Guyana. Trinidad.

Comolia purpurea Miq Linnaea XVIII p. 617.

Paramaribo KAPPLER 1676, WULLSCHLAGEL 174 ex Cogn. 1. c 425;
Focke 1026 (fl. Jan.)

Para district, in savannah's WULLSCHLAGEL 1448, near plant. l'Inquiétude;
Focke 1026 (fl. Sept.)

Amazon district, Guyana.

Comolia tetraptera Cogn Flora Bras. XIV. 3. p. 426.

Para district · WULLSCHLAGEL 175 in Herb. Brux. ex Cogn. 1. c.

Comolia vernicosa (Benth.) Triana Melast 37 tab II fig. 27 g.

Leioostegia vernicosa Benth. in Hook Journ of Botan II 294.

Para district · SPLITGERBER 972 H. L. B. 904, 280—17 and 18., WULL-
SCHLAGEL 176 ex Cogn. Flora Bras. p. 437.

British Guyana.

ACIOTIS D Don.

Aciotis dichotoma (Benth) Cogn. Flora Bras. p. 460 tab. 104 fig. 1.

- Spennera dichotoma* Benth. in Hook. Journ. of Botan II 295.
 var. β *anomala* (Miq.) Cogn l. c 461.
Spennera anomala Miq. Linnaea XVIII p 274 and Stirp. Surin Select p. 58.
 Litanie River VERSTEEG 307 (fl. Dec.)
 Para district, near Osembo FOCKE 584 (fl April); KAPPLER 1520; near plant Berlyn. WULLSCHLAGEL 785, 1449 ex Cogn l. c., near Onoribo SPLITGERBER 654 H. L. B. 904, 280—1
 Lower Surinam River, near plant Onverwacht FOCKE 982 (fl Sept), near Station Victoria KAPPLER 1332
 Paramaribo: KEGEL 387 (fl Aug.): VERSTEEG 477 (fl June)
 Surinam. HOSTMANN 942 and HOSTMANN H. L. B 903, 322—200.
 Venezuela, British Guyana, Trinidad
- Aciotis annua* (Schränk) Triana Melast. 52
Melastoma annuum Schränk. Mss. ex D. C. Prodr III 115.
 Upper Surinam River, near Bergendal FOCKE 277 (fl May.) named by Miquel: *Spennera ornata* Miq Stirp Surin. Select. p 56 tab 13
 Para district. WULLSCHLAGEL 968 ex Cogn l. c. 468.
 Upper Saramacca River PULLE 210 (fl March)
 Amazon district.
- Aciotis herbacea* (Steud.) Cogn Flora Bras XIV. 3 p. 468.
Clidemia herbacea Steud. in Hostm and Kappl Plant Surin n 1832
 Surinam, in moist forests: HOSTMANN and KAPPLER 1832 (fl. Octob)
- Aciotis indecora* (Bonpl.) Triana Melast. 52.
Rhexia indecora Bonpl. Rhex 131 t. 49
 Para district, near plant Berlyn: WULLSCHLAGEL 786 in dry forests ex Cogn. l. c. 470.
 Amazon district, French Guyana, Peru
- Aciotis purpurascens* (Aubl.) Triana Melast 52
Melastoma purpurascens Aubl. Pl. Guyan. 402 t 154.
 Lawa River VERSTEEG 111 (fl. Aug)
 Paramaribo: KEGEL 605 (fl. Sept) and VERSTEEG 512 (fl. June).
 Tropical South-America,
- var. β *pellucida* (D. C.) Cogn. Flora Bras. XIV. 3 p 474
Spennera pellucida D. C. Prodr III. 115
 Para district, near plant Berlyn FOCKE 1000 (fl. Sept.) named *Spennera grandifolia* Miq. Linnaea XVIII p. 273 and Stirp Surin Select. p. 58, KAPPLER 1439 ex Cogn. l. c.
 Upper Surinam River, near Blauwe Berg: SPLITGERBER 886 H. L. B. 904, 280—5
 Surinam KAPPLER 1678 ex Cogn. l. c.; VAN BEEK-VOLLENHOVE without number in Herb. Rheno-Traject.

Amazon district, French Guyana, Peru

Aciotis fragilis (D. C.) Cogn. Flora Bras. XIV 3 p. 475.

Spennera fragilis D. C. Prodr. III p. 115

Para district. NOLTE in Herb. Götting

French Guyana

var β **lancifolia** (Steud.) Cogn. l. c. 475.

Spennera lancifolia Steud. in Kappl. Plantae Surinam. ed. Hohenacker 1680.

Para district: KAPPLER 1680 ex Cogn. l. c.

Aciotis laxa (L. C. Rich.) Cogn. Flora Bras. p. 477

Melastoma laxa L. C. Rich. ex D. C. Prodr. III p. 116.

Para district, near plant. La Prospérité FOCKE 965 (fl. Sept.), named by Miquel *Spennera dysophylla* Bth (?) in Linnaea XVIII p. 618 and

Spennera viscida Benth. in Sturp. Surin. Select. p. 58

French Guyana.

var β **Kappleriana** (Naud) Cogn. l. c. 477.

Spennera Kappleriana Naud. Ann. Sciens. nat. ser. 3 XIV. p. 146.

Surinam River, Joden Savannah on wet spots. KEGEL 1121 (fl. Nov.)

Saramacca River: SPLITGERBER 1066 H. L. B. 904, 280—4

Surinam. HOSTMANN 1016.

French Guyana

var. γ **robusta** Cogn. l. c. 477

Surinam: WULLSCHLÄGEL 1759 (fl. Febr.) ex Cogn. l. c.

Aciotis dysophylla (Benth.) Triana Melast. 52.

Spennera dysophylla Benth. in Hook. Journ. Bot. II 296

Paramaribo: KEGEL 661 (fl. Sept.)

Para district FOCKE 162 in savannahs (fl. Sept.) and H. L. B. 904, 280—3 named *Spennera tetraptera* Miq. Comment. phyt. 76 tab. 10 fig. E.

Para district, near Onoribo SPLITGERBER 661 H. L. B. 904, 280—2.

Guyana, Tropical Brazil, Peru.

ACISANTHERA P. Br.

Acisanthera Boissieriana Cogn. Flora Bras. p. 209. tab. 49 fig. I.

Surinam: WULLSCHLÄGEL 168 in herb. Brux.

British Guyana.

Acisanthera hedyotideae (Presl.) Triana Melast. 33.

Dicrananthera hedyotideae Presl. Symb. Bot. I. 75 t. 50.

Paramaribo, on wet spots: KEGEL 461 (fl. Aug.)

Joden savannah: KEGEL 1129 (fl. Nov.)

Amazon district, British Guyana.

Acisanthera recurva (L. C. Rich.) Griseb. Flora British West-Indian Islands 269.

- Rhexia recurva* L. C. Rich in Act. Soc. Hist nat. Par. p 108.
 Paramaribo. KAPPLER 1581, named *Spennera appendicularioides* Steud
 in Plantae Kapplerianae surinamenses No. 1581, FOCKE 459, KEGEL
 394, WULLSCHLÄGEL 167 ex Cogn 1 c 218, TULLEKEN 47 H. L. B.
 903, 322-1299 (fl July); SPLITGERBER 198 H L. B. 904, 280-6.
 Para district, near plant Berlyn. FOCKE 624, named *Rhynchanthera*
adenophora Miq. Comm. Phytogr 73 tab 10 fig C and *Microlicia*
recurva D. C. Miq. in Linnaea XVIII p 275, near Post Republiek
 TULLEKEN 235 H L B. 903, 322-1434 and TULLEKEN 255 H. L. B.
 903, 322-1448
 Surinam. HOSTMANN 425, 984 named *Uranthera Hostmanni* Naud. Ann
 Sc. nat serie 3 XII 284; HOSTMANN H L B 903, 322-242.
 Guyana, Nort-Brazil, Trinidad, Panama

NEPSERA Naud.

- Nepsera aquatica* (Aubl) Naud Ann. Sc nat ser 3. XII p. 28
Melastoma aquatica Aubl Plant. Guyan. l. 430 tab. 169.
 Marowyne River, near Albina: VERSTEEG 39 (fl July), WENT 427 (fl.
 Octob.)
 Paramaribo. VERSTEEG 485 (fl. June), SPLITGERBER 189 H L B. 904,
 280-37, WULLSCHLÄGEL 170 ex Cogn. 1 c 231, near Poelephantje
 KEGEL 60 (fl. July), near plant Quarta KEGEL 161 (fl July)
 Surinam River, near Station Victoria. KAPPLER 1323 ex Cogn 1 c.
 Para district, near Santigrón WENT 203 (fl Aug), near Kompas: WENT
 397 (fl Sept)
 Surinam River, near Joden Savannah. TULLEKEN 169 H. L. B 903,
 322-1385 (fl Aug.)
 Saramacca River, near Maripaston PULLE 13 (fl Nov).
 Surinam MENZE; HOSTMANN 197; BERTHOUD COULON 277 ex Cogn. 1 c.;
 FOCKE 164; Dr VOLTZ without number; HOSTMANN H. L. B 903,
 322-17
 Tropical Brazil, Guyana, Ecuador, Columbia, West-Indian Islands.

DESMOSCELIS Naud

- Desmoscelis villosa* (Aubl.) Naud Ann. Sc. nat sér. 3. XII tab. 14.
 fig 2.
Melastoma villosa Aubl Pl. Guyan. I 428 t. 168.
 var α *hypericoides* (D C) Cogn Flora Bras p. 233.
Chaetogastra hypericoides D C. Prodr. III p 132.
 Surinam. BERTHOUD COULON 273
 Paramaribo WULLSCHLÄGEL 173 ex Cogn. 1 c., FOCKE ex Miq. Comm.
 Phyt 77.
 Amazon district, French Guyana

var. β **fuscescens** Cogn l. c. 233 tab. 54 fig. II

Paramaribo: KEGEL 921 (fl. June), SPLITGERBER 202 H. L. B 904, 280—21, VAN HALL 67 (fl. June).

Para district in savannahs: FOCKE 160 (fl. March)

Surinam: HOSTMAN 62, 62a, 615, 685, KAPPLER 615; ANDERSON ex Cogn l. c

British Guyana.

RHYNCHANTHERA D C.

Rhynchanthera acuminata Benth in Hook Journ of Bot. II p. 299.

Surinam ANDERSON ex Cogn l. c. 171

British Guyana.

Rhynchanthera grandiflora (Aubl) D C Prodr. III 107.

Melastoma grandiflora Aubl. Pl. Guyan. I 414 t. 160

var. β **microphylla** Naud Ann sc nat sér. 3 XIII p 211.

Upper Surinam River, on wet spots. HOSTMANN and KAPPLER 1300 (fl. Dec)

Para district: NOLTE without number

Para River, near plant. la Prospérité. FOCKE 961 (fl. Sept)

Surinam. HOSTMANN 28 and 1419 ex Cogn l. c.

SIPHANTHERA Pohl

Siphanthera Hostmanni Cogn Flora Bras p 199 tab. 48 fig. II

Surinam: HOSTMANN 1014 et Cogn. l. c.

British Guyana.

LEANDRA Raddi.

Leandra pulverulenta (D. C.) Cogn. Flora Bras XIV 4 p 208.

Tschudya pulverulenta D. C. Prodr. III 155

Upper Surinam River, near Blauwe Berg: SPLITGERBER 884 H. L. B. 904, 280—24.

French Guyana.

Leandra scabra D. C. Prodr. III p. 154.

Surinam BERTHOUD COULON 268 ex Cogn. Flora Bras XIV 4

Tropical and subtropical Brazil

Leandra rufescens (D. C.) Cogn. Flora Bras XIV. 4 p. 204.

var. β **asperiuscula** (D. C.) Cogn l. c. 205

Tschudya asperiuscula D. C. Prodr III p 155

Surinam: ANDERSON without number ex Cogn l. c

French Guyana, Trinidad.

MICONIA Ruiz et Pav.

Miconia axilliflora Naud. Ann. Sc. nat. ser. 3 XIV 179.

Surinam. HOSTMANN and KAPPLER 1256, 1265, 1266 ex Cogn 1 c 235;
HOSTMANN 1266 named *Conostegia acuminata* Steud. Flora XXVII.
p 722.

French Guyana.

Miconia holosericea (L.) Triana Melast 101

Melastoma holosericea L Hort. Cliff. p 162

Para district, near Osembo · VAN HALL 65 (fl Jan)

Saramacca River, near Maripaston KEGEL 1322 (fl May), near Saron:

KEGEL 1287 (fl. May.)

Upper Saramacca River: PULLE 418 (fl. Jan.)

Vernacular name. »Pinja»

Amazon district, Trinidad.

Miconia macrophylla (D Don.) Triana Mélast 103

Chitonia macrophylla D. Don in Mem. Wern. Soc. IV 319.

var. β *serrulata* (D C.) Cogn 1 c 241

Diplochita serrulata D. C. Prodr. III. 177.

Lawa River, near Cottica Mountains VERSTEEG 374 (fl. Octob.)

Upper Surinam River, near Bergendal: FOCKE 366 (fl Sept), named

Diplochita serrulata D. C. Miq. in Stirp. Surin. Select p 53

Coppename River: BOON 1068 and 1076

Vernacular name. »Kremoto" or »Mispel".

Tropical Brazil, French Guyana

var. γ *leucocephala* (D. C.) Cogn 1 c. 241.

Diplochita leucocephala D C 1. c.

Para River, near Osembo. FOCKE 608 (fl. Apr) named *Diplochita leucocephala* D. C. Miq Stirp. Surin Select. 53

Joden Savannah · KEGEL 1188 (fl. Nov)

Saramacca River, near Maripaston. KEGEL 1360 (fl May)

French Guyana.

var. δ *Hostmanni* (Steud.) Cogn 1. c 241

Decaraphe Hostmanni Steud. Flora XXVII. 722

Saramacca River: PULLE 456 (fl. Febr)

Surinam · HOSTMANN and KAPPLER 1099 ex Cogn 1 c ; HOSTMANN 1099 ,

KAPPLER H. L. B. 903, 322—465.

Miconia guyanensis (Aubl) Cogn. Flora Bras. XIV 4 p 245

Tamonea guyanensis Aubl Pl Guyan I. 441

Marowyne River: KAPPLER 1996.

Surinam FOCKE 159.

Tropical South-America

Miconia florida (D. C.) Naud. Ann. Sc. nat. ser. 3 XVI p. 244.

Diplochita florida D. C. Prodr. III. 176

- Surinam: HOSTMANN 1175 ex Cogn l c. 248; KAPPLER 1175 ex Miq
Stirp Surin. select. p. 53 named *Diplochita Fothergilla* D C; KEGEL
234 (fl. Nov.)
Tropical Brazil, Guyana, Guadeloupe, Martinique.

***Miconia parviflora* (Benth) Cogn. Flora Bras. p. 249.**

Diplochita parviflora Benth in Hook. Journ of Botan II 302.

Upper Gonini River VERSTEEG 218 (fl. Sept)

Coppename River WENT 137 (fl Aug)

Surinam: HOSTMANN 896 named *Miconia pubipetala* Miq. Stirp Surin
Select. p. 50

Guyana, Trinidad

***Miconia Plukenetii* Naud Ann. Sc. nat ser. 3. XVI. 116**

Surinam: ANDERSON ex Cogn l. c. 254.

Guyana, Trinidad.

***Miconia tomentosa* (L. C. Rich) D. Don. in Mem Wern Soc IV 316.**

Melostoma tomentosa L C. Rich in Act Soc Hist. Nat. Par 107.

Upper Gonini River VERSTEEG 219 (fl Sept)

Upper Tapanahoni River VERSTEEG 890 (fl. Sept.)

Para district, near plant Onverwacht. FOCKE 940 named by Miquel in
Linnæa XVIII p 621 *Fucunda tomentosa* Benth.

Joden Savannah: KEGEL 1188 (fl Nov.)

Osembo WULLSCHLAGEL 669

Saramacca River: PULLE 84 (fl Nov.)

Surinam HOSTMANN 664a, named *Decaraphe triplinervia* Steud, MENZE
without number ex Cogn. l. c. 256.

Tropical Brazil, Guyana, Trinidad

***Miconia aplostachya* D. C. Prodr. III. 183.**

Surinam ANDERSON ex Cogn. l. c. 265

Guyana, Amazon district.

***Miconia rufescens* (Aubl.) D. C. Prodr. III 180**

Melastoma rufescens Aubl. Pl. Guyan. 408 tab 157.

Para district: WULLSCHLAGEL 1451 ex Cogn. l. c. 274

Near Onoribo SPLITGERBER 618 H L B. 904, 280—35 (fl. March),
FOCKE 872 (fl. March).

Tropical South-America.

***Miconia bracteata* (D. C.) Triana Melast. 111**

Chidemia bracteata D C. Prodr III. 162.

Para district KAPPLER 1413a, named *Chidemia cephalophora* Steud in
Kappl. Plant. Surin.; NOLTE without number in Herb. Götting.

French Guyana, Peru.

Miconia tomentella Cogn. Flora Bras. XIV. 4. p 284.

Surinam MENZE ex Cogn. l. c , KAPPLER 2134, KAPPLER H. L. B. 903,
322—467.

Miconia albicans (Sw.) Triana Melast 116.

Melastoma albicans Sw Fl Ind Occ 786

Para district WULLSCHLAGEL ex Cogn. l. c. 289

Upper Surinam River, near Blauwe Berg FOCKE 1019 (fl. Sept.) named

Miconia heterochroa Miq Linnaea XVIII p. 621 and *Miconia holosericea* D C Miq. Stirp Surin. Select. p. 52.

Joden Savannah: KEGEL 1145 (fl. Nov)

Surinam: Dr VOLTZ without number

Tropical South-America.

Miconia lepidota D. C. Prodr III 180.

Surinam River, near Bergendal FOCKE 1295 (fl May) named *Miconia*

Naudumana Miq. Stirp Surin Select p. 50.

Amazon district, Guyana

Miconia stenostachya D C. Prodr. III. 181

Para district, near Berlyn and Onoribo WULLSCHLAGEL 188 and 1458

ex Cogn. l c. 295; FOCKE 978 named *Miconia hypargyrea* Miq

Linnaea XVIII p. 622 and *M argyrophylla* D. C. Miq. in Stirp Surin Select. p 52

Surinam: HOSTMANN and KAPPLER 371, named by Steud. *Miconia holosericea* D. C.

Tropical South-America.

Miconia argyrophylla D C Prodr. III p 181.

Para district WULLSCHLAGEL 1450 ex Cogn. l c. 297.

Near Savannah Berlyn WENT 373 (fl. Sept)

Near Onoribo. SPLITGERBER 619 H. L. B. 904, 280—30 (fl. March).

Surinam River, near Sornau-kreek KEGEL 1091 (fl Nov.)

Surinam: HOSTMANN 1177 named *Miconia longistyla* Steud Flora XXVII
p 722, Miq. Stirp Surin. Select. p. 49.

Tropical Brazil, Guyana.

Miconia Sagotiana Cogn. Flora Bras. p 299.

Para district WULLSCHLAGEL 1453 in herb Brux. ex Cogn. l c. 300

Amazon district, French Guyana.

Miconia eriodonta D. C Prodr. III. p 185.

Marowyne River, near Albina VERSTEEG 561 (fl July)

Upper Surinam River, near Blauwe Berg: SPLITGERBER 944 H L. B
904, 280—31 (fl. Apr.)

French Guyana.

Miconia Kapplerii Naud. Ann. Scienc. nat. ser. 3 XVI. 162.

Surinam; KAPPLER 1675 named *Miconia lepidota* Steud (non D C)
French Guyana.

Miconia prasina (Sw.) D. C. Prodr. III p 188.

Melastoma prasina Sw. Flora Ind. Occ. p. 777.

Paramaribo WULLSCHLÄGEL 975 and 1779 ex Cogn. l. c. 318; KEGEL 369 (fl Aug.)

Surinam River near Station Victoria KAPPLER 1328

Near Orellanakreek. FOCKE 692, named *Miconia attenuata* D. C. by Miq. Linnaea XVIII. p 283, and *Miconia collina* D C. by Miq. in Stirp Surin. Select. p. 48

Upper Saramacca River PULLE 182 (fl Jan.)

In forests between the Saramacca- and Coppename River KEGEL 1347 (fl. May)

Lower Coppename River: WENT 138 (fl Aug)

Upper Coppename River BOON 1073 (fl Aug)

Surinam HOSTMANN 364 and 703a ex Cogn. l. c. 318; HOSTMANN H. L. B. 903, 322—112, KAPPLER H. L. B. 903, 322—446 and H. L. B. 903, 322—366.

var. β **collina** (D. C.) Triana Melast 109

Miconia collina D. C. l. c. 185

Paramaribo. WULLSCHLÄGEL 185 ex Cogn. l. c. 318

Saramacca River, near Maripaston KEGEL 1359 (fl May) named *Cremannum collinum* Griseb.

Surinam HOSTMANN 375 named *Miconia macrophylla* Steud. Flora XXVII p. 723.

Tropical Brazil, West Indian Islands

var γ **attenuata** (D C.) Cogn. l. c. 317

Miconia attenuata D C. l. c. 186

Gonini River VERSTEEG 60 (fl Aug)

Upper Surinam River, near Blauwe Berg. FOCKE 997 (fl. Sept)

Upper Saramacca River PULLE 156 (fl Jan)

Surinam: KAPPLER H. L. B. 903, 322—365

French Guyana

Miconia sarmentosa Cogn Flora Bras XIV. 4. p 323

Lawa River: KAPPLER 2137 ex Cogn. l. c.

French Guyana.

Miconia acinodendrum (L.) Triana Melast. 111.

Melastoma acinodendrum Linn Hort Cliff 162.

Paramaribo SPLITGERBER, WULLSCHLÄGEL 184 ex Cogn. l. c. 329; KEGEL 367, 369 (fl. July), near Poelephantje. KEGEL 162, 299 (fl July) named *Tschudya Berbiciana* Griseb, near Oude Ryweg FOCKE 761,

- named *Decaraphe floribunda* Miq. Linnaea XVIII. p 280, Dr. VOLTZ without number
- Para district, near plant. Onverwacht FOCKE 159 named *Decaraphe Fockeana* Miq., Miq. Comm. Phyt. p. 85 tab. X. fig. F., Linnaea XVIII p 280 and Stirp Surin Select p 51
- Para district. NOLTE without number in herb Gotting; near Osembo: FOCKE 606 (fl. April), Dr. VOLTZ without number
- Lower Commewyne River; near plant. Nyd en Spyt: TULLEKEN 134 H L B 903, 322—1380 (fl Aug.)
- Saramacca River, near Groningen WENT 184 (fl Aug.)
- Surinam HOSTMANN and KAPPLER ed Hohenacker 643, named *Miconia clidemioides* Steud., HOSTMANN 643, KAPPLER 1679 and 1443 ex Cogn. l c. 330, HOSTMANN H. L. B. 903, 322—56 and H. L. B. 903, 322—157, HOSTMANN without number in herb Götting named *Melastoma pleurocarpum* E Meyer in Nova Acta Nat. Cur. Tom 12 p. 795
- Guyana, West-Indian Islands

Miconia ibaguensis (Bonpl.) Triana Melast. 110.

Melastoma ibaguensis Bonpl Melast 105 tab 45

var. β *glabrata* (Steud) Cogn. Flora Bras. XIV 4. p. 332.

Clidemia glabrata Steud in Flora XXVII p 721.

Paramaribo. KEGEL 370 (fl. July) named *Tschudya auriculata* Griseb., WULLSCHLAGEL 182, 183, 1454, 2049 ex Cogn. l. c. 333, near Oude Ryweg FOCKE 817, named *Miconia eriophora* Miq. Comm Phyt. 85 tab 10. fig G, Linnaea XVIII, 282

Surinam: HOSTMANN 982 and 337 named *Clidemia glabrata* Steud. l c; HOSTMANN H. L. B. 903, 322—342 and 903, 322—290; HOSTMANN without number in Hb Gotting. named *Melastoma holosericeum* β *acuminatum* Bonpl cf E Meyer Nova Acta Tom XII. 794, MENZE ex Cogn l c

Tropical South-America.

Miconia nervosa (Sm.) Triana Melast. 111.

Melastoma nervosum Sm. in Rees. Cyclop XXIII

Lawa River, near Cottica VERSTEEG 312 (fl. Octob.)

Marowynne River: WULLSCHLAGEL 181 ex Cogn l. c. 337.

Surinam River, near Koffiedjampo zwamp: KEGEL 662 (fl. Sept.), named *Tschudya spondylantha* Griseb.

Upper Commewyne River FOCKE 365 and 214 and 1156, named *Miconia Fockeana* Miq. Comm. Phyt 87 tab. 11. fig. A.; Linnaea XVIII p. 282 and Stirp. Surin Select p 51

Saramacca River, near Jakob kondre: PULLE 116 (fl Dec)

Upper Nickerie River. TULLEKEN 507 H. L. B. 903, 322—996 (fl. Sept).

Surinam MENZE; BERTHOUD COULON 264, HOSTMANN 365, WULLSCHLAGEL 38 and 1765

Tropical South-America

Miconia ceramicarpa (D. C.) Cogn Flora Bras. XIV 4 p. 338.

Clidemia ceramicarpa D. C. Prodr. III. p. 160

Surinam River, near Statin Victoria: KAPPLER 1326 and 1327 ex Cogn l. c. 340.

Amazon district, Guyana

Miconia alata (Aubl.) D. C. Prodr. III. 184

Melastoma alata Aubl. Plant. Guyan. I. 410 t. 158.

Surinam River, near Joden Savannah KEGEL 1140 (fl. Nov.); Dr. VOLTZ without number; HOSTMANN 680, named *Miconia pterophora* Miq Linnaea XVIII p. 622; NOLTE in Hb. Gotting., SPLITGERBER 857 H. L. B. 904, 280—28 (fl. April)

Surinam MENZE, KAPPLER 1178 ex Cogn. l. c. 341

Tropical and sub-tropical Brazil, Guyana.

Miconia longifolia (Aubl.) D. C. Prodr. III. 184

Melastoma longifolia Aubl. Pl. Guyan. I. 432 t. 170.

Marowyne River. KAPPLER 2135.

Surinam WULLSCHLAGEL 1455 ex Cogn. l. c. 381.

Amazon district, French Guyana, Trinidad, St. Vincent.

Miconia fulva (L. C. Rich.) D. C. Prodr. III. 180.

Melastoma fulva L. C. Rich. in Bonpl. Melast. 23 tab. 11.

Surinam River, near plant. Gelderland Dr. VOLTZ without number in Hb. Rheno Traject.

Commewyne district, near plant Canawappibo: SPLITGERBER 291 and 501 H. L. B. 904, 280—33 (fl. Jan.)

var. *angustifolia* Cogn. l. c. 389.

Marowyne River. KAPPLER 1997 (fl. Aug.)

Miconia ciliata (L. C. Rich.) D. C. Prodr. III. 179.

Melastoma ciliata L. C. Rich. in Act. Soc. Hist. Nat. Par. 1792 p. 109.

Marowyne River, near Albina WENT 470 (fl. Octob.), WULLSCHLAGEL 1456 ex Cogn. l. c. 410, VERSTEEG 558 and 560 (fl. July)

Para district near Osembo FOCKE 605 (fl. April) named *Hartigia oblongifolia* Miq. Linnaea XVIII p. 288, FOCKE 981 named *Hartigia barbiger* Miq. Linnaea XVIII p. 623, near Kompas: WENT 398 (fl. Sept.), near Post Republiek TULLEKEN 247 H. L. B. 903, 322—1440 and TULLEKEN 189 H. L. B. 903, 322—1262 (fl. Aug.); near Berlyn. WULLSCHLAGEL 1689 ex Cogn. l. c. 410, KAPPLER 1011.

Lower Surinam River, near Joden Savannah. KEGEL 1158 (fl. Nov.); NOLTE without number.

Upper Surinam River, near Blauwe Berg. SPLITGERBER 944 H. L. B. 904, 280—31 (fl April)

Surinam: ANDERSON, MENZE, HOSTMANN and KAPPLER 1011; WULLSCHLAGEL 189 ex Cogn. l. c. 410.

Amazon district, Guyana, Venezuela, Trinidad.

Miconia racemosa (Aubl.) D. C. Prodr III 179

Melastoma racemosa Aubl. Pl. Guyan. I. 406 t. 156.

Marowynne River, near Albina: WENT 479 (fl. Octob.)

Surinam River: VERSTEEG 506 (fl. June)

Paramaribo, near plant. Tourtonne. KEGEL 314 (fl. July).

Surinam WULLSCHLAGEL 186; HOSTMANN 497 ex Cogn. l. c. 411.

Guyana, Amazon district, Venezuela, Trinidad, Porto Rico.

var β **barbigera** (D. C.) Cogn. l. c. 411

Miconia barbigera D. C. Prodr III. 179

Surinam River, near Beekhuizen KEGEL 647 (fl. Sept.)

Near Poelephantje. KEGEL 83 (fl. July)

Near Santigron WENT 206 (fl. Aug.)

Paramaribo. KAPPLER 1613, WULLSCHLAGEL 186 (part)

Surinam FOCKE 564, HOSTMANN 497 named *Hartigia spectabilis* Miq.

Linnaea XVIII 286 tab. VII, HOSTMANN H. L. B. 903, 322—32.

Guyana, Trinidad.

MAIETA Aubl.

Maleta guyanensis Aubl. Pl. Guyan. I. 443 t. 176.

Upper Surinam River, near Bergendal: FOCKE 384 (fl. Sept.) named

Maleta dispar Miq. Linnaea XVIII p. 277, near Blauwe Berg:

SPLITGERBER 885 H. L. B. 904, 280—25 (fl. May).

Surinam KAPPLER 1681 ex Cogn. l. c. 464.

Amazon district, Guyana, Peru, Trinidad.

CLIDEMIA D. Don

Clidemia hirta (Linn.) D. Don. Mem. Wern. Soc. IV 309.

Melastoma hirta Linn. Spec. ed. I p. 390.

Paramaribo, near Poelephantje KEGEL 61 (fl. July).

Para district. KAPPLER 1413 ex Cogn. l. c. 475, named *Clidemia cognata* Steud. in Plantae Kapplerianae Surinam

Surinam FOCKE 762, HOSTMANN 14, named *Clidemia Benthamiana* Miq.

Linnaea XVIII 276, WENT 210 (fl. Aug.); HOSTMANN H. L. B. 903, 322—8.

Tropical South-America.

var. γ **elegans** (Aubl.) Griseb. Flora Br. West-Indian Islands p. 247.

Melastoma elegans Aubl. Pl. Guyan. I. 427 t. 167.

Lower Surinam River, near plant Jagtlust: WENT 87 (fl. Aug.); near Station Victoria. KAPPLER 1324.

Paramaribo, near plant. Quarta · KEGEL 64 (fl July); WULLSCHLAGEL 179 ex Cogn l. c 476, Dr. VOLTZ without number in Hb Rheno-Traject.; VERSTEEG 508 (fl. June)

Para district, near Post Republiek · TULLEKEN 221 H. L. B. 903, 322—1146 (fl Aug.).

Saramacca River, near Post Groningen WENT 183 (fl Aug)

Upper Saramacca River PULLE 416 (fl. Jan.)

Surinam. SPLITGERBER 203 and 1023 H. L. B. 904, 280—10, MENZE; HOSTMANN 130, FOCKE without number.

Tropical South-America.

***Clidemia japurensis* D. C Prodr III p. 139.**

Surinam · HOSTMANN 1129 named *Spennera quintuplinervia* Miq Stirp.

Surin p 57

Amazon district.

***Clidemia spicata* (Aubl.) D C. Prodr. III. p 159. (non Don)**

Melastoma spicata Aubl Pl Guyan I. 423 tab. 165

Marowynne River, near Albina. WENT 426 (fl. Octob)

Tapanahoni River, near Drietabbetje VERSTEEG 672 (fl July)

Paramaribo · SPLITGERBER 209 H. L. B. 904, 280—14, WULLSCHLAGEL 178 ex Cogn l c 487, near Poelepantje · KEGEL 62 (fl July).

Para district. HOSTMANN 385, 1103, 1615 ex Cogn l c

Saramacca River, near Jakob Kondre. PULLE 131 (fl Dec)

Surinam · WEIGELT ex Cogn. l c , FOCKE 306, 564, HOSTMANN H L B 903, 322—322

Tropical South-America.

***Clidemia strigillosa* D C. Prodr III 159**

Tapanahoni River, near Alamandidon: VERSTEEG 845 (fl Aug)

British Guyana, West-Indian Islands

***Clidemia pustulata* D. C Prodr. III p 159**

Para district KAPPLER 1486.

Amazon district, British Guyana, Trinidad

***Clidemia novemnervia* Triana Melast 136**

Para district SPLITGERBER 1027 H L. B. 904, 280—12

Amazon district, West-Indian Islands

***Clidemia conglomerata* (L C Rich.) D C. Prodr. III 146**

Melastoma conglomerata L. C Rich. Herb. ex D. C. l c

Surinam. ANDERSON ex Cogn. l. c 495

French Guyana, Trinidad.

***Clidemia involucrata* D C. Prodr III 163.**

Para district: KAPPLER 1528 named *Clidemia quintuplinervia* Steud in

Kappler plant Surin.

Surinam: SPLITGERBER 976, WULLSCHLÄGEL 180 ex Cogn l c
French Guyana.

Clidemia Kapplerii Cogn. Flora Bras XIV. 4 p 496.

Marowyne River. KAPPLER 2133 H. L. B. 903, 322—494

Surinam KAPPLER H. L. B. 903, 322—464.

Clidemia rubra (Aubl.) Mart. Nov. Gen. et Spec. III 152.

Melastoma rubra Aubl. Pl. Guyan I 416 t 161.

Para district, near Onoribo SPLITGERBER 692 H. L. B. 904, 280—13.

Surinam: WULLSCHLÄGEL 1459, HOSTMANN 1015, 1120, named *Sagraea cognata* Steud. Flora XXVII p. 722.

Tropical South-America

Clidemia aphanantha Sagot Ann. Sc. nat. ser. 6 XV. p 327

Para district, near Onoribo WULLSCHLÄGEL 1460 and 2048 ex Cogn l. c. 503.

Tropical Brazil, Guyana.

Clidemia petiolata D. C. Prodr. III 157.

Marowyne River KAPPLER 2043, named *Clidemia cauliflora* Steud. in Kappl. Plant. Surin. No. 1908 and 2043.

French Guyana, Peru, New-Granada.

var. γ **angustifolia** Cogn. l. c. 505.

Marowyne River KAPPLER 1908 ex Cogn. l. c.

Clidemia dentata D. Don. Mem. Wern. Soc. IV. 308.

Upper Surinam River, near Blauwe Berg. SPLITGERBER 883 H. L. B. 904, 280—8.

Tropical South-America

BELLUCIA Neck.

Bellucia grossularioides (Linn.) Triana Melast. 141.

Melastoma grossularioides Linn. Spec. ed. I. p. 390

Lower Marowyne River KAPPLER 1461 named *Ischyranthera laevigata* Steud. in Plant. Kappl. Surinam Ed. Hohenacker.

Paramaribo: WULLSCHLÄGEL 974 ex Cogn. l. c. 513; near plant. Tourtonne KEGEL 337 (fl. July)

Surinam: HOSTMANN 192 and 194.

Vernacular name: "Mispelboom".

Tropical Brazil, Guyana.

Bellucia Hostmannii Naud. Ann. Sc. nat. ser. 3. XVI. p. 103.

Surinam HOSTMANN 765a ex Naud. l. c.

LOREYA D. C.

Loreya mespiloides Miq. Linnaea XVIII 619

Para district, near plant, Vierkinderen: FOCKE 946 (fl Sept.), KAPPLER 1461a ex Cogn. l. c. 524.
 Vernacular name: »Mispel".
 French Guyana, Peru

HENRIETTEA D. C.

Henriettea succosa (Aubl.) D. C. Prodr. III 178.

Melastoma succosa Aubl. Pl Guyan. I. 418 t 162

Gonini River VERSTEEG 236 (fl Aug.)

Surinam River, near Beekhuizen: KEGEL 692 (fl Febr.)

Para district, KAPPLER 1441 named *Henriettea Kappleriana* Steud in Kappl Pl Surinam ed Hohenacker, WULLSCHLÄGEL 973 ex Cogn l c 528, Dr VOLTZ without number.

Vernacular name »Baboen mispel"

Henriettea ramiflora (Sw) D. C. Prodr. III. 178.

Melastoma ramiflora Sw Fl Ind. Occ. 775

Surinam. HOSTMANN 373 named *Henriettea surinamensis* Mig. Stirp.

Surin Select. p 45.

Trinidad, Jamaica

Henriettea Patrisiana D. C. Prodr. III 178

Paramaribo: FOCKE 1055 (fl Dec.); KEGEL 368 (fl July); WULLSCHLÄGEL 189 and 971 ex Cogn. l c. 535

Para district WULLSCHLÄGEL 972 ex Cogn l. c., near plant. Berlyn · SPLITGERBER 751 H. L. B 904, 380—23 (fl. March).

Surinam · HOSTMANN 360 and 999 ex Cogn. l. c

Vernacular name. »Sergeantsklooten".

French Guyana.

Henriettea multiflora Naud. Ann. Sc. nat ser. 3 XVIII 105

Paramaribo · SPLITGERBER 173 H. L. B. 904, 280—22.

Guyana

MYRIASPORA D. C

Myriaspora egensis D. C. Prodr III 165

Surinam River, near Station Victoria: KAPPLER 1325 named *Myriaspora surinamensis* Steud in Flora XXVII p. 722.

Upper Saramacca River: PULLE 213 (fl. March)

Amazon district.

Myriaspora decipiens Naud Ann. Sc. nat. ser. 3. XVI 101

Para district KAPPLER 1514 named *Myriaspora integrifolia* Steud. in Kappl Pl. Surin. ed Hohenacker

Amazon district, New Grenada

MOURIRIA Aubl.

Mouriria princeps Naud Ann. Sc. nat. ser. 3 XVIII 283

Gonini River VERSTEEG 91 and 168 (fl Aug.)

Upper Tapanahoni River VERSTEEG 856 (fl Aug.)

Surinam KAPPLER H L B. 903, 322—376, HOSTMANN 868 ex Cogn
l. c. 570

Amazon district, French Guyana.

Mouriria vernicosa Naud Ann. Sc. nat. ser. 3. XVIII. 285.

Paloemeu River VERSTEEG 906 (fl. Octob.)

Amazon district, French Guyana.

Mouriria guyanensis Aubl. Pl Guyan l. 453 t 180

Paramaribo WULLSCHLÄGEL 190 ex Cogn. l. c. 575, near Loango

KEGEL 440 (fl June), FOCKE 639 (fl. Sept.) named *Mouriria polyantha* Miq Linnaea XVIII 290, Stirp Surin. Select 42 t. 11

Para district WULLSCHLÄGEL 191 Cogn l. c

Lower Commewyne River FOCKE 248 (fl. Octob.)

Surinam SPLITGERBER 84 ex Cogn l. c. 575, HOSTMANN 865, HOST-
MANN H L B 903, 323—337.

Tropical Brazil, Guyana

Mouriria acutiflora Naud. Ann. Sc. Nat. ser 3 XVIII. 284.

Upper Litanié River, near Knopaiamoi VERSTEEG 406 (fl. Dec.)

Para district, near plant la Prospérité FOCKE 947, WULLSCHLÄGEL
191 ex Cogn l. c. 576

Surinam HOSTMANN 408, 598a, named *Mouriria guyanensis* Aubl. by
Miquel Linnaea XVIII 623 and Stirp. Surin Select. p. 43

Amazon district

ONAGRACEAE.

JUSSIEUA Linn.

Jussieua latifolia Bth in Hook. Journ. of Bot. II. 317

Gonini River VERSTEEG 223 (fl. Sept.)

Upper Saramacca River PULLÉ 143 (fl. Jan.)

Amazon district, French Guyana, Peru, Columbia.

Jussieua nervosa Polr. Encycl. Suppl. III 199.

Marowynne River, near Albina WENT 473 and 480 (fl. Octob.)

Paramaribo KEGEL 910 (fl. July).

Para district, near plant Onverwacht FOCKE 870 (fl. Sept.), named
Jussieua rigida Miq. Stirp. Surin. Select. p. 59, FOCKE 265 H. L. B.
905, 278—21, near Onoribo SPLITGERBER 648 H. L. B. 905, 278—15
(fl. March); FOCKE 870 (fl. March).

Surinam River, near Joden-Savanne KEGEL 1161 (fl. Nov.)

Surinam HOSTMANN 812; HOSTMANN and KAPPLER 398, SPLITGERBER
H. L. B. 905, 278—14

Brazil, Guyana, Columbia

Jussieua inclinata Linn f. Suppl. 577.

Para district VERSTEEG 499 (fl. June).

Paramaribo SPLITGERBER 144 H. L. B. 905, 278—10 (fl. Nov.); near
Poelepantje. KEGEL 908 (fl. June), near Wanica FOCKE 269 (fl. March)

Surinam HOSTMANN 942 and 979; HOSTMANN H. L. B. 903, 322—63,
SPLITGERBER 770 H. L. B. 905, 278—9 (fl. Dec.); WULLSCHLAGEL ex
Micheli Flora Bras. XIII 2 p. 159

Northern Brazil, British Guyana, Cuba.

Jussieua decurrens D. C. Prodr. III. 56

Lower Surinam River, near plant Jagtlust: WENT 63 (fl. Aug.)

Paramaribo KEGEL 934 (fl. June); near Wanicapad: FOCKE 80 H. L. B.
905, 278—20 (fl. Sept.)

Para district, near Post-Republiek. TULLEKEN 231 H. L. B. 903, 322—
1151

Surinam FOCKE 45 named *Jussieua pterophora* Miq. Ann. nat. hist.

XI. p. 13; HOSTMANN 1169, LANDRÉ 898 H L B. 905, 278—13
Tropical America

***Jussieua erecta* Linn, Spec. 556.**

Lower Surinam River, near plant. Jagtlust. FOCKE 478, near plant
Geyersvlyt. KEGEL 1021 (fl. Sept.)

Paramaribo SPLITGERBER 265 H. L. B. 905, 278—8 (fl. Dec.); TULLEKEN
123 H L. B. 903, 322—1477 (fl. Aug.).

All tropical countries,

***Jussieua linifolia* Vahl Eclog II 31**

Paramaribo: KEGEL 909 (fl. June)

All tropical countries

***Jussieua pilosa* H. B. K. Nov. Gen. et Spec. VI. 191 t. 532.**

Cottica district, near Oranjewoud FOCKE 721 named *Jussieua suri-*
namensis Miq. Linnaea XVIII p. 370.

Lower Commewyne district FOCKE 1328 (fl. Octob.) named *Jussieua*
aluligera Miq. Stirp. Surin Select. p. 19

Tropical and sub-tropical America.

***Jussieua affinis* D C. Prodr III. 53.**

Marowyne River, near Albina. WENT 476 (fl. Octob.), VERSTEEG 10
(fl. July).

Upper Litane River. VERSTEEG 344 (fl. Nov.)

Paramaribo: KEGEL 911 (fl. June), near Wanicapad: FOCKE 647 (fl. Sept.)
named *Jussieua hexamera* Miq. in Ann. scienc. nat. ser. III T. 1 p. 36

Para district near Osembo: FOCKE 597 (fl. April); FOCKE 43 H L. B.
905, 278—19

Lower Saramacca River, near plant. Catharina Sophia. SPLITGERBER
840 H. L. B. 905, 278—17 and 18 (fl. Apr.), FOCKE 299 (fl. March).

Upper Saramacca River PULLE 161 (fl. Jan)

Coronie: TULLEKEN 546 H. L. B. 903, 322—953 (fl. Octob.)

Tropical South-America.

***Jussieua suffruticosa* Linn Spec 555.**

Marowyne River, near Albina. VERSTEEG 8 (fl. July)

Lawa River. VERSTEEG 133 (fl. Aug.)

Lower Surinam River, near Jagtlust. WENT 37 and 95 (fl. Aug.)

Paramaribo TULLEKEN 52 H. L. B. 903, 322—1297 (fl. July), WENT
286 (fl. Aug.).

Surinam. FOCKE.

All tropical countries,

UMBELLIFERAE.

HYDROCOTYLE Linn.

Hydrocotyle umbellata Linn. Spec. Pl 234.

Paramaribo KEGEL 358 (fl July).

Surinam DUMORTIER, HOSTMANN ex Urb. Flora Bras. XI. 1 p. 27,

WULLSCHLÄGEL 225 and 859

var γ *scaposa* (Steud.) Urb. l. c. 270.

Hydrocotyle scaposa Steud Flora 1843 p 763, Miquel Linnaea XVIII p. 372

Paramaribo KAPPLER ed Hohenacker 1874 (fl. Apr.)

Surinam WULLSCHLÄGEL 224, HOSTMANN 392, HOSTMANN H. L. B
903, 322—128.

Tropical and subtropical America, South-Africa

ERYNGIUM Linn

Eryngium foetidum Linn. Spec plant 336.

Lawa River. VERSTEEG 264 (fl. Octob.)

Paramaribo KEGEL 31 (fl. June), TULLEKEN 104 H. L. B. 903, 322—1458
(fl. Aug.), WENT 320 (fl. Aug)

Surinam River, near plant. Domburg TULLEKEN 262 H. L. B. 903,
322—1162 (fl Aug.)

Saramacca River, near Maripaston: PULLE 8 (fl. Nov)

Surinam: SPLITGERBER 43 H. L. B. 905, 278—34 (fl. Nov.), HOSTMANN
H. L. B. 903, 322—80.

Vernacular name: »Sneki-wiwirie", »Losau-wiwirie" (Tulleken); »Kwin-
ti" (Versteeg).

All tropical and subtropical America.

MYRSINACEAE.

ARDISIA Swartz.

Ardisia guyanensis (Aubl) Mez in Urb. Symb. Antillan II 392.

Icacorea guyanensis Aubl Plant. Guyan II Suppl. p. 1 t. 368

Marowyne River KAPPLER, ed. Hohenacker (coll 1861) 2105 and 2107,

KAPPLER H. L. B 903, 322—487 and 903, 322—493

Northern Brazil, Guyana, Venezuela, West-Indies.

CONOMORPHA A. DC.

Conomorpha magnoliifolia Mez in »das Pflanzenreich" IV. 236 p. 258.

Surinam HOSTMANN 1058, KEGEL 244 named by Miquel Linnaea XXII

p 75. *Conomorpha laxiflora* A DC

British Guyana

Conomorpha multipunctata (A DC.) Miq Stirp. Surin. Select. p III t 34

Cybianthus multipunctatus A. DC. Prodr VIII p 117

Surinam KAPPLER 1729

French Guyana.

STYLOGYNE A DC. (emend Mez.)

Stylogyne surinamensis (Miq) Mez in »das Pflanzenreich" IV 236 p 271

Ardisia surinamensis Miq Flora Bras X. p. 298,

Paramaribo, near Poelephantje. KEGEL 842.

Upper Saramacca River, near Toekoemoetoe PULLE 457 (fl Febr)

Upper Coppename River BOON 1165 (fl. Sept)

Surinam HOSTMANN 617, HOSTMANN 166 named *Ardisia Hostmanni*

Miq Flora Bras X p. 288

Stylogyne Kappleri Mez in »das Pflanzenreich" IV. 326 p. 275.

Marowyne River: KAPPLER (coll 1861) H. L. B. 903, 322—477.

Tapanahoni River VERSTEEG 656 (fl July).

Paramaribo: KAPPLER ed. Hohenacker 1633 (fl. March-April); named

Ardisia nigricans (A DC.) Miq. Flora Bras X p 290

Stylogyne micans Mez in »das Pflanzenreich" IV. 236 p. 272

Lawa River, KAPPLER (coll. 1861) ed. Hohenacker 2106, KAPPLER
H. L. B. 903, 322—361.

WEIGELTIA A. DC.

Weigeltia surinamensis (Spreng. f.) Mez in »das Pflanzenreich" IV. 236
p. 289.

Salvadora surinamensis Spreng f. Tent. (1828) n. 25.

Marowynne River KAPPLER (coll. 1861) H. L. B. 903, 322—482

Paramaribo: SPLITGERBER 769 H. L. B. 900, 211—556 (fl. March);
KEGEL 354 named by Miquel Linnaea XXII p. 75. *Weigeltia myrian-*
thos A. DC

Lower Coppename River. WENT 134 (fl. Aug.).

Surinam HOSTMANN and KAPPLER 1138 named *Weigeltia capitellata*
Miq in sched., HOSTMANN 529, 675, named *Cybianthus myrianthos*
Miq. Flora Bras. X. p. 300, HOSTMANN 535; HOSTMANN H. L. B.
903, 322—29; KAPPLER 2157, WULLSCHLÄGEL 857 and 1326 ex Mez
l. c.; WEIGELT 2922 named *Wallenia myrianthos* Reichb

RAPANEA Aubl

Rapanea guyanensis Aubl. Plant. Guyan. I. 121 t. 46.

Surinam HOSTMANN 288, HOSTMANN and KAPPLER 949, KEGEL 252
named by Miquel Flora Bras. X. p. 307. *Myrsine Rapanea* Rom
et Schult.

All tropical America

THEOPHRASTACEAE

CLAVIJA Ruiz et Pav.

Clavija lancifolia Desf in Nouv. Ann Mus. I. 402 t. 14.

Paramaribo. WULLSCHLÄGEL 1059, near Beekhuizen KEGEL 1007.

Lower Coppename River. WENT 104 (fl. Aug.)

Upper Coppename River, near Raleigh-falls: BOON 1013 (fl. Aug.) and
1138 (fr. Sept.)

Upper Nickerie River, near Blanche Marie-falls: TULLEKEN 329 H. L. B.
903, 322—1602 (fr. Sept.)

Surinam KAPPLER ex Mez in das Pflanzenreich IV 236a p 28.

Venezuela, French Guyana, Amazon district.

PLUMBAGINACEAE.

PLUMBAGO Linn

Plumbago scandens Linn. Spec. pl. ed I. 215.

Lower Marowyne River, near Galibi. WENT 417 (fl. Octob)

Western Coronie TULLEKEN 579 H L B 903, 322—986 (fl. Octob)

Tropical America.

Plumbago coccinea Boissier in D. C. Prodr. XII p. 693

Paramaribo KEGEL 1241 (fl Jan)

Cultivated in gardens.

East-India

SAPOTACEAE.

ACHRAS Linn

Achras Sapota Linn Spec pl. 470.

Surinam SPLITGERBER 243 H. L. B. 905, 278—26 (fl Dec)

Vernacular name. »Sapotille».

West-Indies, cultivated in all tropical countries

CHRYSOPHYLLUM Linn

Chrysophyllum Cainito Linn. Spec plant. 278.

Lower Surinam River, near plant Jagtlust: TULLEKEN 94 H. L. B 903,
322—1373 (fl. July).

Lower Saramacca River, near Maripaston PULLE 1 (fl and fr. Nov)

Vernacular name »Apra'' or »Sterappel''

All tropical America, often cultivated.

Chrysophyllum sericeum A DC Prodr VIII p 158.

- Surinam. HOSTMANN and KAPPLER 1139, HOSTMANN 630 and 1139,

HOSTMANN H. L. B. 903, 322—199, WULLSCHLAGEL.

Guyana.

Chrysophyllum oleaefolium Spruce ex Miq. Flora Bras VII p. 102

Upper Saramacca River, near Janbasigado PULLE 1336 (fl. Jan.)

Amazon district

Chrysophyllum brasiliense A DC Prodr. VIII p 156.

Surinam HOSTMANN and KAPPLER 1135.

Amazon district

MIMUSOPS Linn

Mimusops surinamensis Miq. Flora Bras. VII p. 43

Surinam. HOSTMANN 739 and 739a

Northern Brazil.

- Mimusops Balata** Gärtn Fr et Sem. III 133 t. 205
Upper Marowyne River · VERSTEEG 586 (fl. July)
Lower Surinam River, near plant Jagtlust: WENT 27
Surinam BLEEKRODE H L. B 905, 278—22.
Vernacular name »Bolletrie».
Guyana, West-Indian Islands.
-

EBENACEAE

DIOSPYROS Dalech

Diospyros guyanensis (Aubl) Gürke Naturl Pflanzenfam IV. 1 p 163.

Paralea guyanensis Aubl plant. Guyan I 576 t 231,

Paramaribo: KEGEL 926 (fr. July)

Upper Saramacca River · PULLE 147 (fl. Jan)

Surinam HOSTMANN 547; KAPPLER 1638

Guyana

SYMPLOCACEAE.

SYMPLOCOS Linn.

Symplocos guyanensis (Aubl.) Gürke Natürl. Pflanzensam IV. 1 p. 172.

Ciponima guyanensis Aubl. Plant Guyan. I. 567 t 226.

Surinam HOSTMANN 1160 and 1186.

var. β **paraensis** Brand Pflanzenreich IV. 242 p 84.

Surinam. WULLSCHLÄGEL 851; 926 and 1666 ex Brand l. c. p. 93.

Northern Brazil, Guyana, Trinidad.

STYRACACEAE.

STYRAX Linn.

Styrax psilophylla A. DC Prodr. VIII. p 266

Surinam. HOSTMANN and KAPPLER ed. Hohenacker 1165.
Guyana,

LOGANIACEAE

SPIGELIA Linn

Spigelia Anthelmia Linn. Spec. plant. ed. I 149.

Upper Tapanahoni River. VERSTEEG 821 (fl. Aug.).

Paramaribo: SPLITGERBER 270 H. L. B. 905, 278—7 (fl. Nov.) near plant.

Kwatta. KEGEL 137

Surinam: HOSTMANN H. L. B. 903, 322—83, WULLSCHLAGEL

Tropical South-America.

Spigelia multispica Steud Flora 1843 p 764.

Gonini River: VERSTEEG 108 (fl. Aug.)

Paramaribo: KEGEL 137 (fl. July), WENT 340 (fl. Octob.)

Upper Surinam River: FOCKE 1288

Upper Saramacca River. PULLE 475 (fl. March.)

Surinam HOSTMANN and KAPPLER 851a, WULLSCHLAGEL; HOSTMANN 1172.

Northern Brazil, French Guyana.

STRYCHNOS Linn.

Strychnos Rouhamon Bth. Journ Linn. Soc. I. 105.

Rouhamon guyanense Aubl Plant. Guyan. I. 93 t. 36.

Marowynne River: KAPPLER (coll. 1861) H. L. B. 903, 322—380.

Northern Brazil, Guyana.

POTALIA Aubl .

Potalia amara Aubl Plant Guyan. I. 394 t 151.

Lawa River, near Cottica Mountains. VERSTEEG 323 (fl. Octob.)

Northern Brazil, Guyana, Peru.

GENTIANACEAE.

CURTIA Cham et Schlechtd

Curtia tenuifolia (Aubl.) Knobl ex Gilg Natürl Pflanzenfam. IV. 2 p. 70.

Exacum tenuifolium Aubl Plant Guyan. 70 t. 26. f 2, 9, 10.

Para district, near Klein Onoribo. SPLITGERBER 664 H L B. 903,
249—7 (fl. March)

Surinam: WULLSCHLÄGEL ex Progel Flora Bras.-VI. 1 p. 218.

Brazil, Guyana.

IRLBACHIA Mart.

Irlbachia coerulescens (Aubl.) Griseb. Gen. et Spec. gent 195.

Lisianthus coerulescens Aubl. Plant. Guyan. l. 207. t. 82

Para district SPLITGERBER 977 H L B. 903, 251—54 (fl March), near
plant Berlyn: and plant l'Inquiétude FOCKE without number.

Surinam. WULLSCHLÄGEL ex Progel l.c. 236.

Brazil, Guyana

SCHULTESIA Mart.

Schultesia heterophylla Miq. Linnaea XIX, p. 136.

Surinam HOSTMANN 427.

British Guyana, Brazil.

Schultesia brachyptera Cham. in Linnaea VIII. p. 8.

Paramaribo KEGEL 439 (fl Aug.).

Para district, near Post Republiek. TULLEKEN 224 H. L. B. 903,
322—1148

Surinam River, near Blauwe Berg: SPLITGERBER 942 H L. 903, 251—215
(fl. May).

Surinam HOSTMANN H. L. B 903, 322—136, FOCKE 2; WULLSCHLÄGEL
ex Progel l.c. 208.

Brazil, Guyana.

COUTOUBEA Aubl.

Coutoubea spicata Aubl. Plant. Guyan. I. 72 t. 27.

Lower Marowyne River, near Albina: WENT 478 (fl. Octob.)

Para district, near Berlyn: WENT 378 (fl. Sept.); FOCKE 1031.

Surinam River, near plant. Phaedra. Dr. VOLTZ without number, near Blauwe Berg SPLITGERBER 965 H. L. B. 903, 248—465.

Surinam: HOSTMANN 645 named *Coutoubea lutea Steud.* Flora 1843 p. 765, KAPPLER 1564, HOSTMANN H. L. B. 903, 322—233; WULLSCHLÄGEL ex Progel l. c. 211

Tropical South-America.

Coutoubea ramosa Aubl. Plant. Guyan. I. 74 t. 28.

var α **racemosa Benth.** in Hook. Journ. of Bot. VI. 198,

Lower Marowyne River, near Albina WENT 430 (fl. Octob.)

Paramaribo, near Poelepantje. KEGEL 605 (fl. Sept.)

Upper Coppename River BOON 1125 (fl. Sept.)

Surinam. WULLSCHLÄGEL ex Progel l. c. 211

var β **vulgaris Bth.** l. c.

Marowyne River: KAPPLER (coll. 1861) H. L. B. 903, 322—523.

Gonini River VERSTEEG 110 (fl. Aug.)

Paramaribo: near Wanicapad: SPLITGERBER 231 H. L. B. 903, 284—457 (fl. Nov.)

Surinam River, near Bergendal: FOCKE 37 (fl. Sept.)

Lower Saramacca River PULLE 15 (fl. Nov.)

Upper Saramacca River: PULLE 194 (fl. Jan.)

Surinam: HOSTMANN 370, 586a.

Brazil, Guyana.

CHELONANTHUS Gilg

Chelonanthus uliginosus (Griseb.) Gilg Natürl. Pflanzenfam. IV. 2 p. 98.

Lisianthus uliginosus Griseb. Gen. et Spec. gent. 181.

Para district: FOCKE 999, near plant. Hannover SPLITGERBER 1090

H. L. B. 903, 251—68 (fl. May) named *Lisianthus pendulus Bth.*

Surinam River, near Blauwe Berg SPLITGERBER 918 H. L. B. 903, 251—69 (fl. Aug.)

Surinam: HOSTMANN 29 named *Lisianthus amoenus Miq.* Linnaea XIX p. 139, WEIGELT; WULLSCHLÄGEL ex Progel Flora Bras. VI. 1 p. 237.

Brazil, Guyana, Venezuela

Chelonanthus chelonoides (Linn. f.) Gilg Natürl. Pflanzenfam. IV. 2 p. 132.

Lisianthus chelonoides Linn. f. Suppl. 134

Para district: VERSTEEG 488 (fl. June), SPLITGERBER 1091 H. L. B. 903, 251—60 and 61 (fl. May); FOCKE 29 H. L. B. 903, 251—58 (fl. April);

near Savanne Kompas: WENT 407 (fl. Sept.); near Santigrón WENT

200 (fl. Aug.), near Post-Republiek TULLEKEN 191 H. L. B. 903, 322—1171 and TULLEKEN 245 H. L. B. 903, 322—1416 (fl. Aug.); near Onoribo FOCKE 152 (fl. March)

Surinam River, near Joden-Savanne FOCKE 404 (fl. Aug.).

Paulus kreek FOCKE 152.

Tropical South-America

Chelonanthus alatus (Aubl.) Pulle.

Lisianthus alatus Aubl Plant Guyan 1. 214 t 80.

Para district, near Onoribo. FOCKE 151 (fl. March); SPLITGERBER 946

H. L. B. 903, 251—48 and SPLITGERBER 1092 H. L. B. 903, 251—47 (fl. May).

Cottica River, near plant. Poelwyk and Post Belair: SPLITGERBER 808

H. L. B. 903, 251—46 (fl. April)

Northern Brazil, French Guyana

VOYRIA Aubl

Voyria rosea Aubl. Plant. Guyan. 209 t 83 f. 1.

Upper Coppename River BOON 1176 (fl. Sept.) and 1217 (fl. Octob.) French Guyana.

Voyria coerulea Aubl Plant Guyan. 211 t. 83 f. 2

Upper Nickerie River: TULLEKEN 375 H. L. B. 903, 322—1101 (fl. Sept.) French Guyana.

VOYRIELLA Miq.

Voyriella parviflora Miq Stirp. Surin. Select. p. 146.

Voyria parviflora Miq. Tydschrift. Wis- en Natuurk. Wetenschappen II. p. 124

Upper Surinam River, near Bergendal. FOCKE 1317 (fl. May).

Northern Brazil.

LEIPHAIMOS Cham et Schlecht.

Leiphaimos aphylla (Jacq.) Gilg. Natürl. Pflanzenfam. IV. 2 p. 104.

Gentiana aphylla Jacq. Americ 87 t 60 f. 3.

Paramaribo FOCKE 1433 (fl. Jan.) named by Miquel, Tydschr. Wis- en Natuurk. Wetenschap. *Voyria uniflora* Lam; KEGEL 458 (fl. Aug.) named *Voyria pallida* Garcke, Linnaea XXII. p. 65.

Surinam HOSTMANN 588; HOSTMANN H. L. B. 903, 322—135, WULL-SCHLÄGEL ex Progel Flora Bras. VI. 1 p. 222

Tropical America

Leiphaimos calycina (Splitg.) Miq. Stirp. Surin. Select. 149.

Voyria calycina Splitg. in D. C. Prodr IX. p 562

Gorini River VERSTEEG 173 (fl. Aug.)

Tapanahoni River · VERSTEEG 903 (fl. Sept.).

Upper Surinam River, near Blauwe Berg SPLITGERBER 900 H. L. B. 903, 251—478 (fl. May) named by Splitgerber, Tydschrift Nat. Geschied. en Phys. VII p. 137: *Voyria spathacea* Lam., FOCKE 1316. Surinam HOSTMANN 1201 p. p.

Leiphaimos aurantiaca (Splitg.) Miq. Stirp. Surin. Select. p. 149.

Voyria aurantiaca Splitg. Tydschr. Nat. Geschied. en Phys. VII p. 135.

Tab. I fig. 3; Miquel in Tydschrift Wis- en Natuurkundige Wetenschap. II. p. 124

Para district, near Berlyn SPLITGERBER 729 H. L. B. 903, 251—473 (fl. March)

Upper Saramacca River, near Janbasigado PULLE 175 (fl. Jan.).

Surinam. HOSTMANN 1201 p. p. named *Voyria angustiflora* Steud. Flora 1843 p. 765.

Leiphaimos corymbosa (Splitg.) Gilg Naturl. Pflanzenfam. IV. 2 p. 104.

Voyria corymbosa Splitg. Tydschr. Natuurk. Geschied. en Phys. VII p. 136 t. II. f. 4.

Gonini River: VERSTEEG 197 (fl. Sept.)

Para district KAPPLER ed Hohenacker 1533 (fl. Febr.-April.)

Surinam River, near Blauwe Berg SPLITGERBER 882 H. L. B. 903, 251—475 (fl. May) named *Leranthostemon corymbosus* Miq. Stirp. Surin. Select. p. 147

Leiphaimos nivea (Miq.) Gilg Naturl. Pflanzenfam. IV. 2 p. 104

Voyria nivea Miq. Linnaea XIX p. 140, Miq. in Tydschr. Wis- en Natuurk. Wetenschap. II. 125.

Leranthostemon niveus Miq. Stirp. Surin. Select. p. 148.

Para district, near Berlyn FOCKE 1045

Surinam River, near Bergendal: FOCKE (fl. May).

Leiphaimos clavata (Splitg.) Gilg Naturl. Pflanzenfam. IV. 2. p. 104

Voyria clavata Splitg. Tydschr. Natuurk. Geschied. en Phys. VII. p. 133

Tab. I. f. 1

Pneumonanthopsis clavata Miq. Stirp. Surin. Select. p. 150

Lawa River, near Manlobbi: VERSTEEG 200 (fl. Sept.).

Tapanahoni River: VERSTEEG 639 (fl. July).

Saramacca River SPLITGERBER 1061 H. L. B. 903, 251—474 (fl. June).

Leiphaimos leucantha (Miq.) Gilg Naturl. Pflanzenfam. IV. 2 p. 104

Voyria leucantha Miq. Tydschrift Wis- en Natuurk. Wetenschap. II p. 124.

Pneumonanthopsis leucantha Miq. Stirp. Surin. Select. p. 150

Tempati River: FOCKE 1253 (fl. Sept.)

Leiphaimos nuda (Splitg.) Miq. Stirp. Surin. select. p. 149.

Voyria nuda Splitg. Tydschr. Nat. Geschied. en Phys. VII. p. 134 Tab. I f. 2

Tapanahoni River VERSTEEG 637 and 638 (fl. July).

Para district SPLITGERBER 730 H. L. B. 903, 251—477 (fl. March).

LIMNANTHEMUM S. G. Gmel.

Limnanthemum Humboldtianum (H. B. K.) Griseb. Gen. et Spec. Gent. 364.

Villarsia Humboldtiana H. B. K. Nov. Gen. et Spec. III p. 187

Lower Surinam River, near plant. Jagtlust: FOCKE 489; WENT 29 (fl. July)

Paramaribo SPLITGERBER 99 H. L. B. 903, 250—471 (fl. Nov.)

Para district FOCKE 96 (fl. March.)

Coronie TULLEKEN 542 H. L. B. 903, 322—949 (fl. Octob.)

Surinam HOSTMANN H. L. B. 903, 322—234; DUMORTIER, WULLSCHLAGEL ex Progel l. c. 244

Tropical and sub-tropical South-America

APOCYNACEAE

ALLAMANDA Linn

Allamanda cathartica Linn Mant 214.

Marowynne River, near Albina. VERSTEEG 11 (fl July)

Gonini River VERSTEEG 62 (fl Aug)

Tapanahoni River VERSTEEG 744 (fl. Aug)

Paramaribo WENT 254 (fl. Aug)

Para district, near Beekhuizen. KEGEL 941 (fl June); Dr VOLTZ without number

Surinam River SPLITGERBER 230 H. L. B. 898, 129—36 (fl Nov.); near plant. Domburg: TULLEKEN 175 H. L. B. 903, 322—1169 and 1407 (fl July), TULLEKEN 266 H. L. B. 903, 322—1155 (fl. Aug.).

Saramacca River, near Mindrinetu PULLE 55 (fl. Nov.)

Coppename River: BOON 1054 (fl. Aug.).

Upper Nickerie River TULLEKEN 408 H. L. B. 903, 322—1507 (fl. Sept.)

Surinam. HOSTMANN H. L. B. 903, 322—334, TULLEKEN 138 H. L. B. 903, 322—1384 (fl. Aug.).

Vernacular name: »Jasbita" (Splitg.) or »Anoura" (Boon.) or »Wilkins-bita".

LANDOLPHIA Pal. de Beauv.

Landolphia guyanensis (Aubl) Pulle

Pacourea guyanensis Aubl Plant Guyan. I p 268 t 105

Rami teretes brunnei glabri, lenticellis crebris conspersi. Folia glabra, opposita oblonga vel ovato-oblonga basi obtusa apice obtuse cuspidata, integerrima, nervis lateralibus margine arcuatis, supra impressis, subtus valde prominentibus Petioli breves, supra canaliculati. Pedunculi terminales vel laterales, volubiles, versus apicem divisi, ramis apice multifloris Pedicelli calyce sub-aequilongi hirsuti, bracteola parva lacinus calycis brevior suffulti. Calyx ad $\frac{1}{2}$ latitudinis 5-partitus extus hirsutus intus glaber, lacinus ovato-acutis valde concavis carosis. Corolla glabra coriacea dilute flava, tubo calyce multo longiore in parte inferiore ad insertionem antherarum paulo dilatato. Lobi tubo paulo longiores valde con-

torti lanceolati apice obtusi margine sparse ciliati. Antherae apice acutae basi obtusae filamentis paulo supra basin insertis, antheris multo brevioribus Ovarium subrotundum. hirsutum, placentis 2 valde prominentibus, in parte inferiore et superiore ovarii connatis, in parte intermedia liberis, ovulis numerosis. Stylus brevis, stigmatе conico apice bicuspidato. Discus annularis, minutus Bacca (immatura) glabra, perfecte globosa, viridis, unilocularis. Semina ad 12 in pulpa nidulantia

Frutex alte scandens, latescens Folia 12—15 cM longa, 6—7 cM lata, nervis lateralibus utrinque 12—13 Petiolus 3—5 mM longus Pedunculus ad 20 cM longus Calyx cum pedicello 5 mM longus, tubus floris 11 mM. longus, lobi 14 mM longi, 2 mM lati Antherae 1½ mM longae, filamenta ½—1 mM longa. Ovarium 1 mM. latum, stylus 3½ mM longus, Bacca (immatura) 8 cM lata

Pl. XVI.

Tapanahoni River · VERSTEEG 741 (fl. Sept.)

Upper Saramacca River PULLE 498 (fl. and fr. March)

Upper Coppename River BOON 1106 (fr. Sept.)

French Guyana.

PLUMIERA Linn

Plumiera rubra Linn. Spec. plant. 306.

Marowynne River, near Albina VERSTEEG 554 (fl. July).

Paramaribo. KEGEL 922 (fl. July).

Saramacca River, near Groningen WENT 165 (fl. Aug.).

Surinam · SPLITGERBER H. L. B. 898, 111—223 (fl. March).

Cultivated.

Mexico, Venezuela.

CONDYLOCARPUS Desf.

Condylocarpus myrtifolius (Miq) Müll. arg. Flora Bras. VI. 1. p. 65.

Hortsmannia myrtifolia Miq. Stirp. Surin. Select. p. 167.

Paramaribo, near Beekhuizen. KEGEL 1009 (fl. Sept.)

Surinam: HOSTMANN 462 and 1196, FOCKE 958

LOCHNERA Reichb

Lochnera rosea (Linn.) Reichb

Vinca rosea Linn. Spec. plant. 305.

Lower Marowynne River, near Galibi WENT 423 (fl. Octob.)

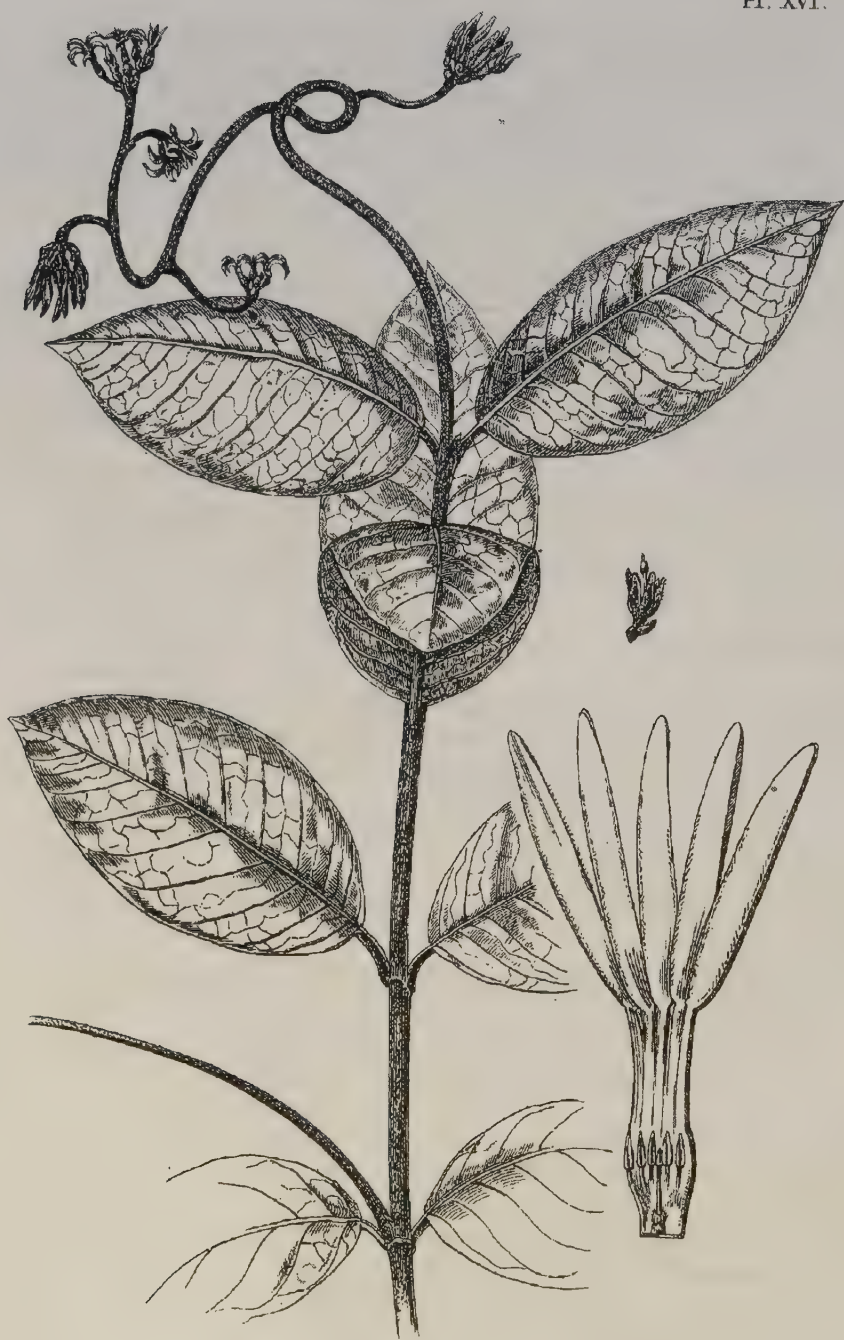
Paramaribo KEGEL 602 (fl. Sept.)

Western Coronee · TULLEKEN 567 H. L. B. 903, 322—974 (fl. Octob.).

All tropical countries

TABERNAEMONTANA Linn.

Tabernaemontana oblongifolia A. DC. Prodr. VIII. 368.



S. Lamschoten del.

Lith. firma P. W. M. Trap.

Racourea guyanensis Aubl.

Surinam: HOSTMANN 1314 named by Miers, Apocyn. South-Americ.
Bonafusia attenuata Miers
 Brazil, French Guyana.

Tabernaemontana rupicola Bth. in Hook Journ. of Bot III. 243.
 Lawa River, near Cottica Mountains: VERSTEEG 259 (fl. Octob.)
 Upper Saramacca River, near Janbasigado PULLE 138 (fl Jan.).
 Amazon district.

Tabernaemontana olivacea Müll. arg. in Flora Bras. VI 1 p 75.
 Surinam. KAPPLER 314 ex Müll. arg. l. c.
 Northern Brazil, Peru.

Tabernaemontana heterophylla Vahl Eclog. II 22.
 Gonini River. VERSTEEG 194 (fl Sept)
 Tapanahoni River VERSTEEG 579 (fl. July)
 Paramaribo: SPLITGERBER 143 H. L. B. 898, 111—446 (fl. Nov.). near
 Beekhuizen KEGEL 601 (fl. July)
 Para district, near plant la Rencontre FOCKE 788 named *Peschiera*
diversifolia Miq. Stirp. Surin Select p 164 t 47.
 Surinam River. KEGEL 217; near Joden-Savanne: KEGEL 601 (fl. Nov.)
 Pauluskreek. FOCKE 1412 (fl. Sept.).
 Saramacca River, near Jakob-Kondre PULLE 132 (fl Dec)
 Surinam: WULLSCHLAGEL 317, KAPPLER ed. Hohenacker 1632; HOST-
 MANN 9; FOCKE 1215; NOLTE in Hb Götting.
 Northern Brazil, Guyana.

Tabernaemontana grandiflora Jacq Americ. p. 40 t. 31.
 Marowynne River, near Galibi WENT 420 (fl Octob.).
 Lower Surinam River, near plant Jagtlust WENT 90 (fl. Aug.), FOCKE 490.
 Paramaribo FOCKE 490 (fl. Apr.), SPLITGERBER 140 H. L. B 898,
 112—13 (fl. Nov.); KEGEL 158 (fl. July); PREUSS 1399 in herb Berol.
 Surinam: DUMORTIER, HOSTMANN 903, 322—341.
 Tropical South-America

Tabernaemontana Meyeri G Don Gen. Syst IV 89.
Tabernaemontana undulata G. F. W Mey. Prim. Flor Esseq. 135
 Tapanahoni River. VERSTEEG 634 (fl. July)
 Para district, near Post Republiek TULLEKEN 190 H L B 903, 322—
 1170, 1263 and 1418 (fl. Aug), TULLEKEN 241 H. L. B 903, 322—
 1424 (fl Aug), FOCKE 991.
 Surinam River, near Bergendal FOCKE 991 (fl. Sept.).
 Lower Saramacca River, near Mindrinetti PULLE 52 (fl Nov).
 Coppename River BOON 1024 (fl Aug)
 Nickerie River: TULLEKEN 382 H. L. B. 903, 322—1098 (fl. Sept.).
 Surinam: HOSTMANN and KAPPLER 564 named by Miquel: *Peschiera*

echinata D C., KAPPLER 1398, named *Peschiera surinamensis* Miq
Linnaea XVIII p 742.

Guyana

***Tabernaemontana albiflora* (Miq.) Pulle.**

Peschiera albiflora Miq Stirp. Surin Select p 165

Surinam River, near Station Victoria. KAPPLER ed. Hohenacker 1312
(fl Octob.)

Surinam HOSTMANN 1312

***Tabernaemontana longifolia* Bth. in Hook. Journ. of Bot. III. 243.**

Para district, near Beekhuizen. KEGEL 851 (fl. March)

Saramacca River, near Beaulieu. WENT 405 (fl. Sept.); near Maripaston:

PULLE 31 (fl. Nov.), near Janbasigado. PULLE 150 (fl. Jan).

Coppename River. BOON 1061 (fl. Aug).

Upper Nickerie River: TULLEKEN 429 H. L. B 903, 322—1529 (fl. Sept.)

Surinam. SPLITGERDER 176 H. L. B 898, 111—401 (fl. Nov.), named

Tabernaemontana alba Mill, FOCKE 200 and 223 named by Miquel:

Tabernaemontana tetrastachya H B. K., KAPPLER ed. Hohenacker
1627; HOSTMANN H. L. B. 903, 322—170

Guyana.

RAUWOLFIA Linn

Rauwolfia ternifolia H B K Nov Gen et Spec III p. 232

Surinam River, near Bergendal FOCKE 1287 (fl. May)

Venezuela.

THEVETIA Linn.

Thevetia neriifolia Juss ex A. DC Prodr VIII. p. 343.

Lower Surinam River, near Jagtlust. WENT 98 (fl. Aug)

Paramaribo KAPPLER 1635.

Coronie. TULLEKEN 556 H L B. 903, 322—963 (fl. Sept.).

Surinam. SPLITGERBER 366 H. L. B 898, 112—153 (fl. Dec)

Cultivated; vernacular name "Jurri-jurri" (Splitg).

Tropical South-America.

SECONDATIA A DC.

Secondatia densiflora A. DC. Prodr. VIII. p. 445.

Lawa River. VERSTERG 451 (fl. Octob)

Brazil, Guyana.

ECHITES Linn.

Echites trifida Jacq. Americ. p. 31 t 24.

Marowayne River: KAPPLER (coll. 1861) H L B. 903, 322—431.

Gonini River. VERSTEEG 86 (fl. Aug.).

Tapanahoni River: VERSTEEG 819 (fl. Aug.)

Paramaribo, near Poelepantje. KEGEL 297 (fl. July).

Lower Saramacca River PULLE 92 (fl. Nov.).

Upper Saramacca River PULLE 149 (fl. Jan) and 473 (fl. March)

Upper Coppename River. BOON 1159 and 1089 (fl. Aug-Sept.).

Upper Nickerie River. TULLEKEN 365 H. L. B 903, 322—1104 (fl. Sept.)

Surinam SPLITGERBER 126 H. L. B 898, 110—152 (fl. Nov.), HOSTMANN

549, named *Echites disadena* Miq. Stirp. Surin. Select. p. 156;

HOSTMANN 1102 named *Echites surinamensis* Miq. Stirp. Surin. Select. p. 154.

Tropical South-America

DIPLADENIA A. DC

Dipladenia illustris (Vell.) Müll. arg. Flora Bras VI. 1 p. 125.

Echites illustris Vell. Flora Flum. III 49

Upper Litanie River, near Mount Knopaiamoi. VERSTEEG 382 (fl. Dec.)

Tropical Brazil

ODONTADENIA Benth.

Odontadenia puncticulosa (E. Mey) Pulle.

Echites puncticulosa E. Meyer in Nova Acta Acad. Nat. Curios. XII. p. 782

Marowijne River. KAPPLER (coll. 1861) H. L. B. 903, 322—429

Para district SPLITGERBER 1002 H. L. B 898, 110—141 (fl. May).

Surinam HOSTMANN 629n; named: *Anisolobus puncticulosa* Miq. Stirp.

Surin. Select. p. 158

Odontadenia Cururu (Mart) K Schum. Natürl. Pflanzenfam. IV. 2 p. 169.

Echites Cururu Mart. in Buchn. Repert. der Pharmacie 1830 n. 101.

Tapanahoni River. VERSTEEG 680 (fl. July).

Cottica district FOCKE 114 H. L. B 898, 112—578 (fl. Octob.).

Surinam River, near Joden-Savanne KEGEL 1193 (fl. Nov.)

Surinam. FOCKE named *Anisolobus Fockei* Miq. Stirp. Surin. Select.

159; HOSTMANN 357 named *Anisolobus Hostmanni* Miq. Stirp. Surin

Select. p. 159; HOSTMANN 1201; KAPPLER 1203a, named *Anisolobus*

Kappleri Miq. Stirp. Surin. Select. p. 159

Northern Brazil, Guyana.

Odontadenia grandiflora (G F W Meyer) K Schum. Natürl. Pflanzenfam. IV. 2 p. 169

Echites grandiflora G. F. W. Meyer Prim. Flor. Esseq. 131.

Gonini River VERSTEEG 159 (fl. Aug.).

Tapanahoni River VERSTEEG 594 (fl. July).

Cottica River FOCKE 689 and 701 named *Odontadenia speciosa* Bth.

Pauluskreek: FOCKE 1413 (fl. Sept.).

Sarakreek: WENT 501 (fl. Oct.).

Saramacca River, near Maripaston: KEGEL 1371 (fl. May).

Coppename River: BOON 1200 (fl. Sept.)

Nickerie River: TULLEKEN 417 H. L. B. 903, 322—1189, 1199 and 1276 (fl. Sept.)

Surinam: HOSTMANN 159, 266 and 320, HOSTMANN 1217, named *Odontadenia grandiflora* Miq. Stirp. Surin. select. p. 166.

Tropical South-America

***Odontadenia nitida* (Vahl) Müll. arg.** Flora Bras. VI. 1 p. 118.

Echites nitida Vahl Eclog. II p. 19 t. 13.

Marowynne River KAPPLER (coll. 1861) H. L. B. 903, 322—432

Lawa River: VERSTEEG 261 (fl. Octob.)

Lower Commewyne River, near plant Maasstroom FOCKE 841 (fl. Oct.)

Upper Commewyne district, near plant Waiampibo SPLITGERBER 487 H. L. B. 898, 110—156 (fl. Jan.)

Paramaribo, near Wanicapad FOCKE 645 (fl. Sept.); KEGEL 1213 (fl. July).

Para district, near Post-Republiek TULLEKEN 253 H. L. B. 903, 322—1446 (fl. Aug.).

Surinam: WULLSCHLÄGEL; KAPPLER 1449, HOSTMANN 448 and 469; HOSTMANN H. L. B. 903, 322—281 and 282.

Guyana.

RHABDADENIA Müll. arg.

***Rhabdadenia biflora* (Jacq.) Müll. arg.** Flora Bras. VI. 1 p. 175.

Echites biflora Jacq. Americ. 30 t. 21.

Paramaribo: WENT 334 (fl. Octob.) and 573 (fl. Jan.), near Poelephantje: KEGEL 185 (fl. July)

Surinam: SPLITGERBER 334 H. L. B. 898, 110—127 (fl. Dec.) FOCKE 1107, HOSTMANN H. L. B. 903, 322—21.

Tropical South-America

***Rhabdadenia macrostoma* (Bth) Müll. arg.** in Linnaea XXX. 435.

Echites macrostoma Bth in Hook. Journ. of Bot. III p. 248.

Paramaribo FOCKE 831; KEGEL 606 (fl. Sept.).

Surinam: HOSTMANN 494; HOSTMANN H. L. B. 903, 322—277

Guyana

var. α ***pubescens* Müll. arg.** Linnaea XXX. p. 435

Para district: SPLITGERBER in hb. Vindob. ex Müll. arg. l. c.

MANDEVILLA Lindl.

***Mandevilla hirsuta* (L. C. Rich.) K. Schum.** Natürl. Pflanzenfam. IV. 2 p. 171.

Echites hirsuta L. C. Rich. in Act. Soc. hist. Nat. Par. 1792 p. 107.

Lower Commewyne River. FOCKE 995 (fl. Octob.).

Paramaribo SPLITGERBER 222 H L B 898, 110—148 (fl. Dec.), KEGEL 77 (fl. July), FOCKE 119 H L B 903, 322—1473 (fl. Aug.)

Para district, near Post-Republiek: TULLEKEN 193 H L B 903, 322—1430 (fl. Aug.).

Surinam: KAPPLER 1605, HOSTMANN H. L. B 903, 322—69, WULLSCHLÄGEL

Tropical South-America

Mandevilla scabra (Röm. et Schult.) K Schum Naturl. Pflanzenfam IV. 2 p. 171.

Echites scabra Rom. et Schult. Syst. IV. p. 795

Lower Marowyne River, near Albina WENT 528 (fl. July)

Paramaribo SPLITGERBER 232 H. L. B 898, 110—140 (fl. Dec.), named.

Echites pilosuscula Splitg Mss; near Poelepantje. KEGEL 187 (fl. July), near Beekhuizen. KEGEL 1212 (fl. July).

Para district SPLITGERBER 624 H L B. 898, 110—145 (fl. March), near plant. Berlyn: SPLITGERBER 717 H L. B 898, 110—118 and 119 (fl. March), named *Echites allamandaeflora Splitg* Mss, near Post-Republiek. TULLEKEN 236 H L B 903, 322—1435 (fl. Aug)

Surinam River, near plant Cassepoera TULLEKEN 153 H L. B 903, 322—1393 (fl. Aug.), FOCKE 1310, named *Echites bicolor* Miq. Stirp.

Surin. Select p 154

Saramacca River, near Saron. KEGEL 1274 (fl. May); near Santigrón: WENT 190

Upper Coppename River: BOON 1120 (fl. Sept)

Surinam HOSTMANN H L B. 903, 322—175 and 184

Vernacular name. „Melki teter" (Tulleken).

Tropical Brazil, Guyana

NERIUM Linn

Nerium Oleander Linn Spec. plant 305.

Paramaribo: KEGEL 1033 (fl. Nov.).

Cultivated.

MALOUETIA A DC

Malouetia Tamaquarina (Aubl) A. DC Prodr. VIII. 378

Cameraria Tamaquarina Aubl. Plant. Guyan. I 260 t 102.

Marowyne River. KAPPLER ed Hohenacker 444a, named *Malouetia albiflora* Miq. Stirp. Surin. Select. 161, KAPPLER 1825 (fl. Aug.),

KAPPLER (coll 1861) H L. B. 903, 322—439 and 433.

Litane River: VERSTEEG 359 (fl. Nov.).

Tapanahoni River. VERSTEEG 649 (fl. July).

Surinam River, near plant Morea. VOLTZ.

Upper Coppename River: BOON 1044 (fl. Aug.) and 1187 (fl. Sept)
 Nickerie River: TULLEKEN 518 H L B. 903, 322—1011 (fl. Sept.)
 Surinam: FOCKE 788, HOSTMANN and KAPPLER 444; HOSTMANN 269
 Northern Brazil, Guyana.

Malouetia obtusiloba A. DC. Prodr. VIII. p. 379.
 Surinam: HOSTMANN 269

ROBBIA A. DC.

Robbia nitida (Spruce) K. Schum. Naturl. Pflanzenfam IV 2 p. 187
Malouetia nitida Spruce plant. exsicc. bras 1672
 Marowyne River: KAPPLER (coll. 1861) H L B. 903, 322—434.
 Amazon district

FORSTERONIA G. F. W Meyer.

Forsteronia Schomburgkii A DC Prodr VIII. p. 438.
 Marowyne River: KAPPLER (coll. 1861) 59
 Lawa River: VERSTEEG 415 (fl. Dec.)
 Paramaribo: KEGEL 1012 (fl. Sept.).
 Lower Coppename River: WENT 109 (fl. Aug.).
 Surinam: HOSTMANN 849, 569, 1107, 1236; HOSTMANN H. L. B. 903,
 322—241; TULLEKEN 90 H L B. 903, 322—1369 (fl. July)
 Guyana.

PRESTONIA R Br

Prestonia surinamensis Müll. arg. Linnaea XXX. 433
 Gonini River: VERSTEEG 72 (fl. Aug.).
 Tapanahoni River: VERSTEEG 753 (fl. Aug.).
 Surinam: HOSTMANN 981; HOSTMANN H. L. B. 903, 322—273
Prestonia annularis (Linn f) G. Don. Syst. IV. p. 84
Echites annularis Linn. f. Suppl. 166
 Paramaribo: FOCKE 1056.
 Surinam: HOSTMANN H L B. 903, 322—98.

ASCLEPIADACEAE

PHILIBERTIA A. Gr. (emend K. Schum.)

Philibertia clausa (Jacq.) K Schum. *Naturl Pflanzenfam* IV 2 p 229

Cynanchum clausum Jacq *Americ I.* p. 87 t 60

Lower Marowyne River KAPPLER ed. Hohenacker 1662 (fl April)
named by Miquel *Sarcostemma clausum Röm et Schult*, KAPPLER
(coll. 1861) H L B 903, 322—438.

Paramaribo: KEGEL 813 (fl. March); WENT 571 (fl. Jan.).

Lower Saramacca River, near plant Catharina Sophia SPLITGERBER
842 H. L. B 898, 169—163 (fl. Apr.).

Surinam: HOSTMANN 962, WEIGELT; FOCKE 1040

Northern South-America

FISCHERIA D C

Fischeria multiflora Desv *Prodr.* VIII p 600

Lower Saramacca River PULLE 85 (fl. Nov).

Brazil

ASCLEPIAS Linn.

Asclepias curassavica Linn. *Spec. plant.* 314.

Paramaribo SPLITGERBER 19 H L B 898, 166—49 (fl. Nov), TULLEKEN

H. L. B. 903, 322—1292 (fl. July), WENT 3 (fl July), VERSTEEG 472
(fl. June).

Surinam WEIGELT

Tropical America.

CALOTROPIS R. Br

Calotropis gigantea (Willd.) R. Br. *Wern. Soc* p. 28.

Asclepias gigantea Willd *Spec. I* p. 1264

Lower Saramacca River, near Groningen: WENT 252 (fl Aug.)

Cultivated

East-India.

METASTELMA R. Br.

Metastelma stenolobum Dcne Prodr. VIII p. 515

Lower Saramacca River, near plant Hamburg SPLITGERBER 849 H L B 898, 168—416 (fl. April)

Upper Coppename River BOON 1066 (fl. Aug.)

Upper Nickerie River TULLEKEN 436 H. L. B. 903, 322—1559 and 1572 (fl. Sept.)

Surinam. HOSTMANN 827.

Northern Brazil, British Guyana.

Melastelma Decaisneana (Miq.) Bth in Bth. Hook Gen plant. II. 756.

Tassadia Decaisneana Miq. Linnaea XVIII p. 25. Pl. II.

Lower Surinam River, near plant Jagthust FOCKE 601 (fl. June).

TASSADIA Dcne.

Tassadia guyanensis Dcne Prodr VIII p. 579

Marowynne River KAPPLER (coll. 1861) H L. B. 903, 322—435.

Upper Saramacca River PULLE 201 (fl. March).

Surinam KAPPLER ed Hohenack 1410

British Guyana.

Tassadia propinqua Dcne Prodr VIII p. 579

Commewynne River, near plant Lustryk. SPLITGERBER 375 H L. B. 898, 171—61 (fl. Dec.).

Para district KAPPLER ed Hohenack. 1474 (fl. Febr.-Apr.)

Surinam. HOSTMANN 70.

British Guyana

Tassadia leptobotrys Dcne Prodr. VIII p. 579

Surinam: LESCHENAULT ex Dcne l. c.

Tassadia obovata Dcne Prodr. VIII. p. 580

Surinam LESCHENAULT ex Dcne l. c.

BLEPHARODON Dcne.

Blepharodon Steudellianum (Miq.) Pulle.

Metastelma Steudellianum Miq. Linnaea XVIII. p. 753.

Cottica district, near plant. Vaderzorg KEGEL 955 (fl. July).

Paramaribo, near Beekhuizen KEGEL 737 (fl. Febr.).

Para district, near Santigron. WENT 197 (fl. Aug.).

Surinam: KAPPLER 1611.

ROULINIA Dcne.

Roulinia surinamensis Miq Sturp. Surin. Select. 169.

Upper Saramacca River PULLE 474 (fl. March).

Lower Surinam River · HOSTMANN and KAPPLER ed. Hohenacker 1092
(fl. April)

Roulinia guyanensis Dcne Prodr VIII. p. 517

Tapanahoni River VERSTEEG 860 (fl Sept)

Saramacca River, near Maripaston KEGEL 1358 (fl. March)

British Guyana

MARSDENIA R Br.

Marsdenia mollissima Fourn. Flora Bras VI 4 p. 322 t 95.

Litane River VERSTEEG 431 (fl Dec)

Commewyne River, near plant. Maasstroon FOCKE 1364

Surinam River WULLSCHLAGEL ex Fournier l c

Tropical Brazil

Marsdenia ovata Fourn Flora Bras VI 4 p 321

Lawa River KAPPLER (coll. 1861 ed. Hohenack. 2090 (fl. Oct.) named
by Griseb *Sphinctostoma rubro-fuscum* Bth., KAPPLER (coll 1861)

H L B. 903, 322—437

Tapanahoni River · VERSTEEG 653 (fl. July).

British Guyana.

GONOLOBUS Mich.

Gonolobus viridiflorus Röm. et Schult. Syst VI. p. 61.

Paramaribo. SPLITGERBER 575 H, L. B 898, 167—397 (fl. Febr.)

Surinam FOCKE 277, HOSTMANN 310

Tropical Brazil.

CONVOLVULACEAE

MARIPA Aubl.

Maripa glabra Choisy in D C Prodr. IX p 327

Marowyne River. KAPPLER 2011 (fl Aug.)

Guyana.

Maripa erecta G. F. W. Meyer Primit Fl Esseq 115

Surinam River WULLSCHLÄGEL 821 ex Meissner Flora Bras. VII p 207.

British Guyana

Maripa passifloroides Benth in Spruce pl exsicc.

Joden savanne SPLITGERBER 853 H. L. B 901, 166--24 (fl. May),

Amazon district, French Guyana

Maripa scandens Aubl Pl Guyan I 230 t 91.

Upper Litane River, near Mount Knopiamoi: VERSTEEG 391 (fl. Dec.)

Upper Saramacca River, near Mount Janbasigado: PULLE 464 (fl. Jan.)

Surinam: HOSTMANN 1201 ex Meissn l c. 209

British Guyana.

ANISEIA Choisy.

Aniseia ensifolia Choisy Conv rar 144

Surinam WULLSCHLÄGEL ex Meissner l. c. p, 320.

Guyana, North-Brazil, Guatemala

Aniseia martinicensis (Jacq) Choisy in D. C. Prodr. IX p 430.

Convolvulus martinicensis Jacq Obs. 20 t. 17.

Marowyne River, near Albina. WENT 448 (fl. Octob.); VERSTEEG 531
(fl July).

Gominiriver. VERSTEEG 83 (fl. Aug.)

Paramaribo FOCKE 774 (fl April); SPLITGERBER 600 H L. B 901,
163--85 (fl Febr.), Wanicapad KEGEL 1006 (fl. Sept)

Saramacca River: PULLE 197, 460 (fl Jan.-Febr.)

Surinam: FOCKE 508; HOSTMANN H L. B. 903, 322--178; WULLSCHLÄGEL
ex Meissn. l c 320.

Tropical South-America.

CALONYCTION Choisy.

Calonyction speciosum Choisy Conv. rar. 59.

Ipomoea bona-nox Linn Spec. 228

Tapanahoni River VERSTEEG 642 (fl. July).

Surinam River, near plant Jagtlust· SPLITGERBER 536 H L B 901,
161—328 (fl. Jan)

Paramaribo. FOCKE 824 (fl. Sept)

Saramacca River, near Mount Janbasigado. PULLE 176 (fl. Jan)

Surinam. HOSTMANN H. L B 903, 322—224.

All tropical countries

QUAMOCLIT Linn.

Quamoclit vulgaris Choisy in D C. Prodr IX p. 436.

Paramaribo WENT 360 (fl. Sept)

Surinam: HOSTMANN and KAPPLER 645a

Vernacular name "Duivels-naaigaren" (Satan's thread.)

East-India, cultivated in all tropical countries.

IPOMOEA Linn (sensu strict.)

Ipomoea acetosaefolia (Vahl) Röm et Schult. Syst. IV. p. 246.

Convolvulus acetosaefolius Vahl Eclog I. 18

Surinam River, near Vredenburgerkreek. FOCKE 690 (fl. Octob.), named

Ipomoea halophila Miq Linnæa XVIII p. 598

Surinam. WULLSCHLÄGEL ex Meissner l. c. 255.

All tropical and subtropical countries.

Ipomoea pes-caprae (Linn.) Sweet Hort Sub. Lond ed 2. p. 289

Convolvulus pes-caprae Linn Sp 226.

Surinam River, near Vredenburgerkreek· FOCKE 115, near plant Zee-
zigt SPLITGERBER 787 H L B 901, 161—291 (fl. April)

Tropical South-America, Ceylon

Ipomoea capparoides Choisy D C Prodr IX. p. 376

Surinam. WULLSCHLÄGEL ex Meissner l. c. 262

Amazon district, Antigua.

Ipomoea umbellata (L.) G F W Meyer. Flora Esseq 99.

Convolvulus umbellatus Linn. Spec. 221.

Lawa River, near Cottica· VERSTEEG 294 (fl. Oct)

Paramaribo: FOCKE 1149 (fl. Nov.)

Para district: SPLITGERBER 1096 H L B 901, 163—390 (fl. May).

Upper Surinam River, near Bergendal FOCKE 1149 named *Ipomoea*
mollicoma Miq Stirp Surin Select. p. 132 t. 37.

Lower Saramacca River, near Maripaston PULLE 10 (fl. Nov)

Surinam HOSTMANN and KAPPLER 550; KAPPLER H. L. B 903, 322—426,
WULLSCHLÄGEL l c. 263.

Vernacular name. »Wetie abia».

***Ipomoea micans* Garcke** Linnaea XXII p 66

Paramaribo: KEGEL 683 (fl. Dec.) ex Garcke l c

***Ipomoea sericantha* Miq** Stirp Surin. Select. 131.

Marowyne River: KAPPLER ed. Hohenacker 1864 (fl. Aug.), near Albina VERSTEEG 545 (fl. July)

Coppename River. WENT 117 (fl. Aug.)

***Ipomoea fastigiata* (Roxb. et Wall.) Sweet** Hort. Ed. 2 p 288.

Convolvulus fastigiatus Roxb. et Wall. Flor. Ind. II 48

Goninie River VERSTEEG 57 (fl. Aug.)

Marowyne River, near Poeloegoedoe VERSTEEG 616 (fl. July)

Paramaribo TULLEKEN 25 H. L. B 903, 322—1498 (fl. July), TULLEKEN 122 H. L. B 903, 322—1476 (fl. Aug.).

Commewyne district, near plant. Waiampibo. SPLITGERBER 500 ex de Vriese, Ned. Kruidk. Arch. I (1848) p. 149, named *Ipomoea pandurata* Mey

Saramacca River, near plant Vier Hendrikken. WENT 221 (fl. Aug.), near Maripaston. PULLE 9 (fl. Nov.)

Coppename River: BOON 1254 (fl. Octob.)

Surinam HOSTMANN H. L. B 903, 322—110, HOSTMANN 330, WULLSCHLÄGEL ex Meissner l c 267.

Vernacular name »Petata-tetei».

All tropical America.

***Ipomoea longipes* Garcke** Linnaea XXII p. 66.

Paramaribo, near Poelephantje: KEGEL 734 (fl. Febr.) ex Garcke l. c.

***Ipomoea surinamensis* Miq.** Linnaea XVIII p 600

Surinam FOCKE 316

***Ipomoea Batatas* (Linn.) Lam** Dict. VI 14.

Convolvulus Batatas Linn. Amoen. Acad. VI 121

Lawa River VERSTEEG 441 (fl. Dec.)

Paramaribo: FOCKE 1361 (cultivated)

Lower Surinam River, near plant Jagtlust. WENT 59 (fl. Aug.)

Nickerie TULLEKEN 582 H. L. B 903, 322—989 (fl. Nov.)

Surinam HOSTMANN H. L. B. 903, 322—285

Vernacular name »Swietie Patata»

Cultivated in all tropical countries.

***Ipomoea Parkeri* Cholsy** in D. C. Prodr. IX 381

var. *subsericea* Meissn. Flora Bras. Vol. VII. p 284.

Surinam WULLSCHLÄGEL ex Meissn l c

***Ipomoea sinuata* Ortega Decad. VII 84**

Paramaribo: TULLEKEN 65 H. L. B. 903, 322—1344 (fl. July); WENT 317 (fl. Aug.), SPLITGERBER 820 H. L. B. 901, 163—307 (fl. Apr.)

West-Coronic: TULLEKEN 558 H. L. B. 903, 322—965 (fl. Octob.)

Surinam: KAPPLER 1594; HOSTMANN H. L. B. 903, 322—256; WULLSCHLAGEL 49 ex Meissner l. c. 285

Vernacular name: »Swietie sopie wiewierie"

All tropical America

***Ipomoea pentaphylla* (Linn.) Jacq. Coll II 297**

Convolvulus pentaphyllus Linn Spec 223

Surinam WULLSCHLAGEL 350 ex Meissn. l. c. 287

Tropical America and Africa.

***Ipomoea glabra* (Aubl.) Choisy in D. C. Prodr. IX p 331.**

Convolvulus glaber Aubl. Pl. Guyan. I. 138 t. 53.

Marowynne River: KAPPLER ed Hohenacker 1863 (fl. Sept.).

Albina WENT 438 (fl. Octob.).

Litanie River: VERSTEEG 353 (fl. Octob.)

Tapanahoni River: VERSTEEG 874 (fl. Sept.).

Paramaribo, near Orellanakreek FOCKE 699 (fl. Octob.)

Upper Surinam River, near Blauwe Berg. FOCKE 362 (fl. March),

Saramacca River, near Mindrinetti. PULLE 33 (fl. Nov)

Surinam. HOSTMANN 45; WULLSCHLAGEL 1521

Tropical South-America

***Ipomoea Hostmanni* Meissn. Flora Bras VII p. 290**

Surinam: HOSTMANN 65 ex Meissn l. c.

***Ipomoea subrevoluta* Choisy in D. C. Prodr IX. p. 386**

Paramaribo FOCKE 1347 (fl. Octob.), near Nieuwe Ryweg: KEGEL 973 (fl. Aug.). ex Garcke, Linnaea XXII p. 65, SPLITGERBER 1094 H. L. B.

901, 161—364 named *Ipomoea carolinae* L. de Vriese Ned. Kruidk.

Arch I (1848) p 149

Surinam FOCKE H. L. B. 901, 163—266; WULLSCHLAGEL 347 ex Meissn. l. c. 290

***Ipomoea guyanensis* (Aubl.) Choisy in D. C. Prodr IX. p 366**

Convolvulus guyanensis Aubl Pl. Guyan I. 136 t. 52.

Paramaribo, near Kwatta. SPLITGERBER 125 H. L. B. 901, 163—474 (fl. Dec)

Para district: WULLSCHLAGEL ex Meissn l. c. 301; near plant. Berlyn

FOCKE 967 (fl. Sept) and 337 H. L. B. 901, 161—494.

Guyana, Northern Brazil

***Ipomoea digitata* Linn Spec. 228.**

Surinam ex Peter, Natürl Pflanzenfam IV 3a p 30

Tropical America, East-India

PHARBITIS Choisy

Pharbitis acuminata Choisy in D. C. Prodr. IX p. 342.

Surinam ex Peter. Natürl Pflanzenfam. IV. 3a. p. 22.

Tropical South-America.

Pharbitis Nil (L.) Choisy Conv or 57.

Convolvulus Nil Linn Spec 219

Lower Surinam River, near plant. Geyersvlyt. KEGEL 961 (fl July) ex
Garcke Linnaea XXII. p. 68.

Upper Surinam River, near Bergendal FOCKE 1266.

Saramacca River, near Groningen WENT 160 (fl Aug)

Surinam HOSTMANN H L B 903, 322—215.

Tropical South America

Pharbitis cissoides (Choisy) Peter Natürl. Pflanzenfam. IV 3a. p. 32

Batatas cissoides Choisy Conv or 55

Marowynne River, near Albina: TULLEKEN 587 H. L. B. 903, 322—1201
(fl Nov); WENT 444 (fl. Octob.)

Upper Tapanahoni River, near Magneetberg VERSTEEG 827 (fl. Aug)

Lower Surinam River, near plant. Jagtlust SPLITGERBER 391 H. L. B.
901, 161—375 (fl. Dec.)

Paramaribo: SPLITGERBER 823 H. L. B. 901, 161—376 (fl. April).

Orellanakreek FOCKE 700 (fl Octob.)

Para district, near plant. Berlyn WENT 391 (fl. Sept.)

Surinam. HOSTMANN H L B 903, 322—223, WULLSCHLAGEL 1520 ex
Meissn l. c. 230

Tropical America.

OPERCULINA Manso.

Operculina altissima (Mart) Meissn Flora Bras VII p. 213

Ipomoea altissima Mart. Obs. Mss 2465.

Paramaribo: FOCKE 778 (fl. April)

Surinam HOSTMANN and KAPPLER 802 named *Ipomoea alulata* Miq.

Linnaea XVIII p. 599

Amazon district

Operculina surinamensis Meissn Flora Bras. VII. p. 214.

Surinam. WULLSCHLAGEL ex Meissn. l c

Operculina ventricosa (Bert) Peter Natürl Pflanzenfam. IV. 3a. p. 32.

Surinam ex Peter l. c

JACQUEMONTIA Choisy.

Jacquemontia tamnifolia (L) Griseb. Flora Brit. West. Ind. Islands.

p. 474.

Ipomoea tamnifolia Linn Sp 230

Marowynne River, near Albina. WENT 446 (fl. Octob)

Lower Surinam River, near plant. Jagtlust SPLITGERBER 390 H. L. B.
901, 163 478 (fl Dec)

Paramaribo FOCKE 775

Surinam. WULLSCHLAGEL 766 ex Meissn. l. c 303

Tropical America

PREVOSTEA Choisy**Prevostea sericea** (Spreng) Choisy Ann. Sc. nat. Sér. I 4. p. 498*Reinwardtia sericea* Spreng. Syst. I. p. 863.Para district, near plant. Berlyn. SPLITGERBER 743 (fl March) named
Dufourea aurea Splitg mss ex de Vriese Ned Kruidk. Arch. I.
(1848) p. 150.

New Grenada

CUSCUTA Linn.**Cuscuta americana** Linn. Spec 180

Paramaribo: WENT 300 (fl Aug)

var. β **congesta** Engelm.Paramaribo. FOCKE named *Cuscuta leirolepis* Mig. Linnaea XVIII p
247; WULLSCHLAGEL ex Meis. l. c 377var. γ **spectabilis** Engelm.

Surinam. HOSTMANN ex Meissn. l. c.

HYDROPHYLLACEAE.

HYDROLEA Linn,

Hydrolea spinosa Linn Spec plant. 328.

Lawa River, near Cottica. VERSTEEG 273 (fl. Octob.)

Litanie River VERSTEEG 436 (fl Dec)

Paramaribo. TULLEKEN 44 H L. B. 903, 322—1305 (fl. July), near Kwattaweg: WENT 296 (fl Aug), KEGEL 175 (fl July); SPLITGERBER 106 (fl. Febr)

Para district, near Post Republiek: TULLEKEN 233 H L. B. 903, 322—1154 (fl Aug.)

Vernacular name: "Swietie watra kraroen" (Versteeg).

Tropical America.

Hydrolea ovata Nutt in Trans. Am Ph Soc V. 196.

Surinam HOSTMANN 450 ex Bennett Flora Bras. VII p 391.

BORRAGINACEAE.

CORDIA Linn.

***Cordia speciosa* Willd** in Röm. et Schult. Syst. IV. p. 799.

Cottica district, near plant Alliance WENT 280 (fl. Aug.)

Paramaribo · KEGEL 1029 (fl. Oct.); FOCKE 1371

Surinam SPLITGERBER 312 H L. B. 898, 271—392 (fl. Dec.)

Cultivated.

West-Indies.

***Cordia tetrandia* Aubl** Plant Guyan p 222. t. 87.

Surinam KAPPLER 1619, SPLITGERBER 123 H L. B. 898, 271—451

(fl. Nov.); HOSTMANN 355

Vernacular name. »Tafelboom”.

Guyana

***Cordia sericicalyx* A DC** Prodr. IX. p. 485

Para district KAPPLER ed. Hohenacker 1510 (fl. Febr.-Apr.).

British Guyana.

***Cordia bicolor* A. DC** Prodr IX p. 485.

Surinam. HOSTMANN 406.

British Guyana

***Cordia tetraphylla* Aubl.** Plant. Guyan. I. 224 t. 88.

Para district, near plant. Berlyn SPLITGERBER 695 H. L. B. 898, 271—

453 (fl. March).

French Guyana.

***Cordia Schomburgkii* A. DC.** Prodr. IX. p 490.

Paramaribo, near Poelepantje · KEGEL 685 (fl. Febr.)

British Guyana

***Cordia Aubletii* A. DC.** Prodr. IX. p. 490.

Paramaribo SPLITGERBER 206 H L. B. 898, 271—314 (fl. Dec.), named

Cordia lucida Spitzg Mss., FOCKE 760 (fl. Nov.) and 816 (fl. Sept.)

Para district: VERSTEEG 507 (fl. June).

Saramacca River · PULLE 125 (fl. Dec.) and 417 (fl. Jan)
 Surinam HOSTMANN 295 and 877; HOSTMANN H. L. B. 903, 322—4
 Vernacular name. "Blaka Oema"
 Guyana.

***Cordia graveolens* H. B. K. Nov. Gen. III. p. 74.**

Commewyne district FOCKE 213 (fl. Sept.), near Matappica River,
 FOCKE 297 (fl. Dec.)

Paramaribo SPLITGERBER 44 H. L. B. 898, 271—303 (fl. Nov.); KEGEL
 371 (fl. July), near Poelepantje: KEGEL 708 (fl. Febr.); TULLEKEN
 17 H. L. B. 903, 322—1491 (fl. July), TULLEKEN 67 H. L. B. 903,
 322—1346 (fl. July), WENT 305 (fl. Aug.); WENT 570 (fl. Jan);
 VERSTEEG 464 (fl. June).

Surinam River, near plant. Domburg TULLEKEN 265 H. L. B. 903,
 322—1415 (fl. Aug.)

Para district. SPLITGERBER 1160 H. L. B. 898, 271—265 (fl. Apr.).

Surinam. FOCKE 282 (fl. Jan.); HOSTMANN H. L. B. 903, 322—1.

Vernacular name "Blaka Oema".

Venezuela.

***Cordia patens* H. B. K. Nov. Gen. et Spec. III. p. 75**

Lower Commewyne River, near plant. Maasstroem: FOCKE 1358 (fl. Oct.).

Lower Surinam River, near plant Jagtlust: WENT 64 (fl. Aug.)

Paramaribo. SPLITGERBER 72 H. L. B. 898, 271—330 and 331 (fl. Nov.),
 FOCKE 755 and 1132 (fl. Dec.); KEGEL 9 (fl. June) and 109 (fl. July).

Surinam. FOCKE H. L. B. 898, 271—498; FOCKE 1355, HOSTMANN
 H. L. B. 903, 322—343.

Tropical Brazil

TOURNEFORTIA Linn

***Tournefortia surinamensis* A. DC. Prodr. IX p. 526.**

Lower Commewyne River. FOCKE 750 (fl. Dec.)

Para district. SPLITGERBER 1159 H. L. B. 898, 278—12.

Surinam. HOSTMANN 951; FOCKE 180 H. L. B. 898, 278—13.

***Tournefortia hirsutissima* Linn Spec. plant. 201.**

Surinam HOSTMANN 227.

West-Indian Islands.

***Tournefortia syringaefolia* Vahl Symb. 3 p. 23.**

Marowynne River, near Apatou. WENT 458 (fl. Oct.).

Surinam River, near Bergendal. FOCKE 1308

Lower Saramacca River, near plant Catharina Sophia: SPLITGERBER
 841, H. L. B. 898, 277—567 (fl. Apr.)

French Guyana.

HELIOTROPIUM Linn

Heliotropium filiforme H. B. K. Nov Gen. et Spec III. p. 86. t. 104.

Lawa River: VERSTEEG 277 (fl. Octob.); KAPPLER (coll. 1861) H L. B. 903, 322--471

Surinam: KAPPLER ed. Hohenack. 1810 (fl. Apr.).

Lower Saramacca River. PULLE 69 (fl. Nov).

Tropical South-America

Heliotropium indicum Linn. Spec. plant 187

Lawa River, near Cottica VERSTEEG 298 (fl Octob.).

Paramaribo: SPLITGERBER 338 H L B. 898, 273—447 (fl. Dec); WENT 319 (fl. Aug.), WENT 332 (fl Octob.).

Saramacca River, near Maripaston . PULLE 4 (fl. Nov.).

Vernacular name "Kokorrode" (Pulle).

All tropical countries.

VERBENACEAE.

TAMONEA Aubl

Tamonea spicata Aubl. Plant. Guyan. II 660 t 268.

Surinam: FOCKE 1029

Tropical Brazil, Guyana, Venezuela, West-Indies

LANTANA Linn.

Lantana Camara Linn. Spec. plant 874.

Lower Marowynne River, near Albina. VERSTEEG 13 (fl. Aug.).

Lower Surinam River, near plant Jagtlust. SPLITGERBER 439 H. L. B. 905, 298—72 (fl. Dec.), near plant. Rust en Werk SPLITGERBER 1107 H. L. B. 905, 298—71 (fl. March)

Paramaribo. FOCKE 178 (fl. July); KAPPLER ed. Hohenacker 1861 (fl. Apr.), HOSTMANN 1045, KEGEL 26 (fl. June), TULLEKEN 132 H. L. B. 903, 322—1486 (fl. Aug.).

Surinam River, near plant. Domburg: TULLEKEN 264 H. L. B. 903, 322—1158 (fl. Aug.)

Para district: SPLITGERBER 1106 H. L. B. 905, 298—68 (fl. May); VERSTEEG 467 (fl. June); near Post Republiek TULLEKEN 206 H. L. B. 903, 322—1134 (fl. Aug.).

Lower Saramacca River, near Groningen: WENT 178 (fl. Aug.), near Maripaston PULLE 30 (fl. Nov.)

Vernacular name "Koorsoe wiwirie".

All tropical America

Lantana trifolia Linn. Spec. plant 873.

Lower Commewyne River, near plant. Marienburg: WENT 272 (fl. Aug.)

Para district: SPLITGERBER 967 H. L. B. 905, 298—69 (fl. March); near Post Republiek. TULLEKEN 229 H. L. B. 903, 322—1149 (fl. Aug.).

Casawinica River: HOSTMANN and KAPPLER ed. Hohenacker 1862 (fl. June)

Surinam. HOSTMANN 1256, FOCKE 166.

Tropical South-America.

LIPPIA Linn

Lippia geminata H. B. K. Nov. Gen. et Spec. II p. 215.

Lawa River, near Cottica Mountains. VERSTEEG 290 (fl. Octob.)

Gonini River. VERSTEEG 258 (fl. Octob.)

Paramaribo. KAPPLER ed. Hohenacker 1860 (fl. Apr.), KEGEL 1240 (fl. Jan)

Surinam River, near plant. Domburg: TULLEKEN 180 H. L. B. 903, 322—1122 (fl. Aug.).

Lower Saramacca River, near Maripaston PULLE 45 (fl. Nov.).

Surinam WEIGELT H. L. B. 905, 298—70, named by Reichenbach
Lantana odorata Linn.

Vernacular name "Blakka tiki ment" (Versteeg)

All tropical and sub-tropical America.

Lippia asperifolia L. C. Rich. Cat. Hort. Med. Par. p. 67.

Lawa River VERSTEEG 64 (fl. Aug.)

Surinam. HOSTMANN 321, HOSTMANN H. L. B. 903, 322—105.

Tropical South-America; South-Africa (introduced?).

STACHYTARPHETA Vahl.

Stachytarpheta dichotoma (Ruiz et Pav.) Vahl Enum. I. p. 207

Verbena dichotoma Ruiz et Pav. Flora Peruv. I. p. 23 t. 34.

Lawa River, near Cottica VERSTEEG 297 (fl. Oct.)

Tapanahoni River, near Drie Tabbetje VERSTEEG 696 (fl. July)

Paramaribo WENT 18 (fl. July)

Para district, near Post Republiek TULLEKEN 205 H. L. B. 903, 322—1133 (fl. Aug.)

Surinam. HOSTMANN H. L. B. 903, 322—321.

Tropical America.

Stachytarpheta cayennensis (L. C. Rich.) Vahl Enum. I. p. 208.

Verbena cayennensis L. C. Rich. Act. Soc. Hist. Nat. Par. p. 105

Paramaribo: SPLITGERBER 146 H. L. B. 905, 298—73 (fl. Nov.), KEGEL 105 (fl. July)

Para district, near Post Republiek: TULLEKEN 230 H. L. B. 903, 322—1150 (fl. Aug.)

Surinam. Dr. VOLTZ without number

Tropical America.

Stachytarpheta jamaicensis Vahl Enum. I. p. 206.

Lower Marowynne River, near Albina, VERSTEEG 44 (fl. July)

Paramaribo. KEGEL 414 (fl. Aug.), TULLEKEN 3 H. L. B. 903, 322—1323 (fl. July), WENT 11 (fl. July)

Surinam WEIGELT, named by Reichenbach. *Stachytarpheta dichotoma* Vahl

Tropical South-America.

Stachytarpheta surinamensis Miq. in Kappl. Plant. Surin. ed. Hohenack.
Surinam River KAPPLER ed. Hohenacker 1858 (fl. Apr.).

Stachytarpheta angustifolia (Mill.) Vahl Enum. I. p. 205

Verbena angustifolia Mill. Dict. IV. p. 595.

Surinam: FOCKE 41.

Guyana, Senegambia.

PRIVA Adans

Priva lappulacea (Linn.) Pers Ench. II. 149

Verbena lappulacea Linn Spec. plant 28.

Paramaribo KEGEL 73 (fl. July), TULLEKEN 5 H. L. B. 903, 322—1321
and 1329 (fl. July), TULLEKEN 121 H. L. B. 903, 322—1475 (fl. Aug.),
WENT 12 (fl. July).

Surinam: FOCKE 311; HOSTMANN and KAPPLER 89.

All tropical America.

AMASONIA Linn. f.

Amasonia erecta Linn. f. Suppl. 294

Taligalea campestris Aubl. Plant. Guyan. 625 t. 252.

var *punicea* (Vahl) Briq. Natürl. Pflanzenfam. IV. 3a. p. 157

Amasonia punicea Vahl Eclog. II. p. 51:

Para district: SPLITGERBER 621 H. L. B. 905, 298—55 (fl. March); NOLTE
without number in herb. Götting, near Koifiedjempo. VERSTEEG 510
(fl. June), FOCKE 139, FOCKE 8 H. L. B. 905, 298—56 (fl. Octob.),
near Kompas. WENT 369 (fl. Sept.).

Lower Saramacca River, near Maripaston. KEGEL 1304 (fl. May),
PULLE 14 (fl. Nov.).

Surinam. HOSTMANN 893, KAPPLER ed. Hohenacker 1409.

Northern Brazil, Guyana, Trinidad.

PETRAEA Linn

Petraea macrostachya Bth. in Tayl. Journ. of. Nat. Hist. II. p. 448

Marowynne River: VERSTEEG 593 (fl. July).

Surinam River, near Joden Savanne. KEGEL 1179 (fl. Nov.), near Berg-
endal: FOCKE 933 (fl. Sept.).

Upper Saramacca River. PULLE 177 (fl. Jan).

Upper Coppename River: BOON 1153 (fl. Sept.).

Surinam. KAPPLER ed. Hohenack. 1708; HOSTMANN 39 named *Petraea*
bracteata Steud. Flora 1843 p. 764

Guyana.

***Petraea volubilis* Jacq.** Amer. p. 189 t. 114.
Lower Coppename River: WENT 122 (fl. Aug.)
Guyana, Brazil, West-Indies.

***Petraea racemosa* Nees et Mart.** in Nova Acta acad. nat. cur. XI p. 72.
Gonini River: VERSTEEG 122 (fl. Aug.)
Tropical Brazil.

***Petraea arborea* H. B. K.** Nov. Gen. et Spec. II p. 282.
Upper Saramacca River: PULLE 227 (fl. March).
Tropical South-America.

***Petraea rugosa* H. B. K.** Nov. Gen. et Spec. II. p. 282
Surinam River, near Cassepoerakreek. KEGEL 1180 (fl. Nov.).
Venezuela, Columbia, French Guyana

CITHAREXYLUM Linn

***Citharexylum quadrangulare* Jacq.** Stirp. americ. t. 22.
Paramaribo SPLITGERBER 78 H. L. B. 905, 298—59 (fl. Nov.), KEGEL
1242 (fl. Jan.).
Surinam HOSTMANN 356; HOSTMANN and KAPPLER 356, FOCKE 566
(fl. Jan.), HOSTMANN H. L. B. 903, 322—13.
Brazil, West-Indies.

***Citharexylum cinereum* Linn.** Spec. plant. p. 872.
Paramaribo. TULLEKEN 29 H. L. B. 903, 322—1502
Brazil, West-Indies

***Citharexylum myrianthum* Cham** in Linnaea VII. p. 117.
Surinam HOSTMANN H. L. B. 903, 322—35.
Tropical Brazil

AEGIPHILA Jacq

***Aegiphila laevis* Willd.** Spec. plant. I p. 617
Surinam. HOSTMANN 89 and 543
Guyana, Columbia, West-Indies.

***Aegiphila cuspidata* Mart.** Herb. fl. Bras. 1041.
Marowyne River. KAPPLER ed Hohenock 1717 named by Miquel.
Aegiphila mollis H. B. K.
Tropical Brazil, British Guyana

***Aegiphila elata* Swartz** Fl. Ind. Occ. I. p. 254
Paramaribo, near Poelephantje. KEGEL 173 (fl. July), 687 (fl. Febr.).
Surinam FOCKE 297, HOSTMANN H. L. B. 903, 322—349.
Tropical Brazil, French Guyana, West-Indies.

CLERODENDRON Linn

Clerodendron verrucosum Splitg. ex de Vriese Ned Kruidk Arch. I. p. 351.

Surinam River: SPLITGERBER 523 H. L. B. 905, 298—63 and 64 (fl. Jan.)

Paulus-kreek. WENT 550 (fl. Nov.).

Warappakreek: FOCKE 1346 (fl. Sept.).

Clerodendron aculeatum (Linn.) Griseb. Flora Brit. West-Indian Islands p. 500.

Volkameria aculeata Linn. Spec. plant. 889

Paramaribo: FOCKE 1333 (fl. Nov.).

Nickerie: TULLEKEN 312 H. L. B. 903, 322—1047 (fl. Sept.).

Tropical America

Clerodendron Siphonanthus R. Br in Art Hort Kew. ed II. p. 65.

Paramaribo FOCKE 918 (fl. Sept), TULLEKEN 26 H. L. B. 903, 322—1278 (fl. Aug.)

Para district, near Osembo: SPLITGERBER 1100 H. L. B. 905, 298—62 (fl. May)

Cultivated; tropical Asia

VITEX Linn.

Vitex Agnus Castus Linn. Spec. plant. 890.

Surinam FOCKE 1209; Dr. VOLTZ without number.

Cultivated.

Vitex multiflora Miq. Linnaea XVIII p. 729.

Surinam River, near Station Victoria: KAPPLER ed. Hohenacker 1366 (fl. Dec.).

Upper Saramacca River: PULLE 455 (fl. Febr.) and 215 (fl. March)

Vitex umbrosa Sw Prodr fl. Ind. Occ. p. 93.

Para district: SPLITGERBER 1044 H. L. B. 905, 298—75 (fl. June).

Jamaica, British Guyana

AVICENNIA Linn.

Avicennia nitida Jacq. Americ p. 1877 t. 112. f. 1

Lower Surinam River, near plant. Geyersvlyt KEGEL 1023 (fl. Sept.).

Nickerie TULLEKEN 289 H. L. B. 903, 322—1223 (fl. Aug.); TULLEKEN 304 H. L. B. 903, 322—1085 (fl. Aug.); TULLEKEN 535 H. L. B. 903, 322—944 (fl. Octob.)

Surinam HOSTMANN 457; 1140, HOSTMANN H. L. B. 903, 322—5, WEIGELT H. L. B. 905, 298—58 named by Reichenbach: *Avicennia tomentosa* Linn.

Vernacular name "Parwa".

Tropical and sub-tropical America, Western-Africa.

LABIATAE

LEONOTIS Pers.

Leonotis nepetaefolia (Linn.) R Br. Prodr 504

Phlomis nepetaefolia Linn. Spec. plant. 820

Tapanahoni River, near Drie-Tabbetje VERSTEEG 691 (fl. July.)

Paramaribo. SPLITGERBER 131 H. L. B. 904, 355—433 (fl. Nov.), KEGEL 98 (fl. July)

Lower Saramacca River, near Groningen WENT 169 (fl. Aug.)

Surinam HOSTMANN H. L. B. 903, 322—158.

Vernacular name "Ponsoe" (Versteeg)

Tropical America and Asia.

LEONURUS Linn

Leonurus sibiricus Linn. Spec. plant. 818

Lower Surinam River, near plant. Jagtlust WENT 26 (fl. July).

Paramaribo SPLITGERBER 37 H. L. B. 904, 256—90 (fl. Nov.); KEGEL 1046 (fl. Nov.); TULLEKEN 2 H. L. B. 903, 322—1324 (fl. July); TULLEKEN 73 H. L. B. 903, 322—1352 (fl. July), BOON 1009 (fl. July), VERSTEEG 462 (fl. June).

Para district, near Post Republiek TULLEKEN 218 H. L. B. 903, 322—1114 (fl. Aug.)

Surinam. HOSTMANN H. L. B. 903, 322—152

Tropical Asia, introduced into America

HYPTIS Jacq

Hyptis mutabilis (L. C. Rich.) Briq. Naturl. Pflanzenfam. IV. 3a p. 339

Nepeta mutabilis L. C. Rich. Act. Soc. Hist. Nat. Paris

var. *spicata* (Poit.) Briq. l. c. 339

Hyptis spicata Poit. Ann. Mus. Par. VIII. p. 474 t. 28 f. 2.

Lawa River, near Cottica. VERSTEEG 296 (fl. Oct.)

Tapanahoni River, near Drie-Tabbetje VERSTEEG 694 (fl. July).

Paramaribo: FOCKE 1234, KEGEL 116 (fl. July), near Kwattaweg. WENT 306 (fl. Aug.)

Para district VERSTEEG 502 (fl. June)

Surinam KAPPLER ed Hohenacker 1582 named *Hyptis surinamensis* Miq mss, HOSTMANN H. L. B. 903, 322—323

Tropical America

Hyptis atrorubens Poit. Ann. Mus. Par. VII. p. 466 t. 27 f. 3.

Lower Surinam River, near plant Jagtlust: WENT 86 (fl. Aug.).

Paramaribo TULLEKEN 38 H. L. B. 903, 322—1289 (fl. July); TULLEKEN 77 H. L. B. 903, 322—1356 (fl. July), TULLEKEN 108 H. L. B. 903, 322—1462 (fl. Aug.).

Coppename River. BOON 1153 (fl. Sept.).

Surinam: SPLITGERBER 151 H. L. B. 904, 354—226 (fl. Nov.), HOSTMANN 315 and 606, HOSTMANN H. L. B. 903, 322—271

Tropical America

Hyptis capitata Jacq. Icon. rar. I. t. 114

Paramaribo: SPLITGERBER 245 H. L. B. 904, 354—297 (fl. Dec.), KEGEL 93 (fl. July)

Surinam: HOSTMANN 12, FOCKE 1145.

Tropical America

Hyptis brevipes Poit. Ann. Mus. Par. VII. p. 465

Upper Tapanahoni River. VERSTEEG 833 (fl. Aug.)

Para district SPLITGERBER 1126 H. L. B. 904, 354—240 (fl. May)

Surinam. HOSTMANN 402, HOSTMANN H. L. B. 903, 322—106 and 228

Tropical America

Hyptis recurvata Poit. Ann. Mus. Par. VII. p. 467 t. 28 f. 2

Saramacca River, near plant Vier Hendrikken: WENT 215 (fl. Aug.)

Surinam HOSTMANN 737.

Tropical South-America

MARSYPIANTHES Mart

Marsypianthes chamaedrys (Vahl.) O. Ktze. Revisio gen. plant

Clinopodium Chamaedrys Vahl Symb. III. p. 77

Lower Marowynne River, near Albina WENT 435 (fl. Oct.).

Para district, near Onoribo. FOCKE 896 named *Marsypianthes hyp-
toides* Mart

Surinam River, near Joden Savanne. KEGEL 1102 and 1103 (fl. Sept.).

Surinam KAPPLER ed Hohenacker 1476, HOSTMANN 1231

Tropical South-America.

OCIMUM Linn

Ocimum micranthum Willd. Enum 630

Lawa River, near Cottica VERSTEEG 447 (fl Dec.).

Paramaribo: KEGEL 327 (fl July,) WENT 344 (fl Oct).

Lower Saramacca River: WENT 227 and 247 (fl. Aug)

Surinam: FOCKE 23

Tropical America

SOLANACEAE

PHYSALIS Linn.

Physalis surinamensis Miq. *Linnaea* XVIII. p. 741

Paramaribo. TULLEKEN 82 H. L. B. 903, 322—1361 (fl. July)

Surinam. HOSTMANN and KAPPLER 1395a; FOCKE 1233; HOSTMANN
H. L. B. 903, 322—81.

Physalis hirsuta Dunal *Prodr.* XIII 1 p. 445.

Paramaribo. SPLITGERBER 272 H. L. B. 905, 298—32 (fl. Dec.), WENT
497 (fl. Oct.).

Surinam River. FOCKE 1280 (fl. May)

Surinam. HOSTMANN and KAPPLER ed. Hohenacker 1395.

America

Physalis angulata Linn. *Hort. Cliff.* p. 62.

Paramaribo. SPLITGERBER 269 H. L. B. 905, 298—31 (fl. Dec.).

Para district. VERSTEEG 523 (fl. June)

All tropical countries

CAPSICUM Linn.

Capsicum frutescens Linn. *Spec. plant.* I. 271

Lawa River. VERSTEEG 144 (fl. Aug.)

Para district. VERSTEEG 520 (fl. June)

Coronie. TULLEKEN 580 H. L. B. 903, 322—987 (fl. Oct.)

Nickerie. TULLEKEN 527 H. L. B. 903, 322—936 (fl. Oct.)

Vernacular name "Arattakakapepre"

Tropical America and Asia

SOLANUM Linn.

Solanum oleraceum Rich. ex Dun. *Prodr.* XIII 1 p. 50

Gonini River. VERSTEEG 136 (fl. Aug.).

Tapanahoni River, near Drie Tabbetje. VERSTEEG 697 (fl. July).

Paramaribo. WENT 345 (fl. Oct.)

Surinam River, near plant Voorburg. SPLITGERBER 532 H. L. B. 905,
298—44 (fl. Jan.)

Nickerie TULLEKEN 300 H. L. B. 903, 322—1082 (fl. Aug.).
 Surinam. FOCKE 752 HOSTMANN and KAPPLER 1663
 Cultivated by de negroes, vernacular name "Agoema"
 Tropical America.

Solanum pensile Sendtn. in Flora Bras. X. p. 50
 Marowynne River. KAPPLER (coll. 1861) H. L. B. 903, 322—417
 Litanié River. VERSTEEG 377 (fl. Nov.)
 Tapanahoni River. VERSTEEG 663 (fl. July).
 Paramaribo. FOCKE 57 H. L. B. 905, 298—51.
 Upper Saramacca River. PULLE 442 fl. Jan.)
 Upper Coppename River. BOON 1043 (fl. Aug.)
 Surinam. HOSTMANN 1100; HOSTMANN and KAPPLER 1599 named *Solanum laetum* Mig. Stirp. Surin. Select. p. 135, FOCKE 616, SPLITGERBER 330 H. L. B. 905, 298—50 (fl. Dec.)
 Northern Brazil, British Guyana

Solanum leucosporum Dunal Prodr. XIII. 1. p. 99
 Surinam. HOSTMANN 1100 in herb. Boiss. ex Dunal. 1 c

Solanum asperum Vahl Eclog. II. p. 17
 Lawa River. VERSTEEG 260 (fl. Octob.)
 Gonini River. VERSTEEG 139 (fl. Aug.)
 Upper Tapanahoni River, near Pontoctoc. VERSTEEG 876 (fl. Sept.)
 Upper Saramacca River. PULLE 139 (fl. Jan.)
 Surinam. KAPPLER without number.
 Vernacular name "Wonnœ wonnœ" (Versteeg)
 Tropical America

Solanum Radula Vahl Eclog. II. p. 16
 Commewyne River. KAPPLER without number
 Para district. SPLITGERBER 1102 H. L. B. 905, 298—45 (fl. May)
 Surinam. HOSTMANN and KAPPLER d. Hohenack 613; HOSTMANN
 H. L. B. 903, 322—94
 Tropical America

Solanum diphyllum Linn. Spec. plant. Ed. I. p. 264
 Marowynne River. VERSTEEG 435 (fl. Dec.)
 Litanié River. VERSTEEG 352 (fl. Nov.)
 Lower Commewyne River. FOCKE 851 (fl. Dec.)
 Para district. SPLITGERBER 1045 H. L. B. 905, 298—36 (fl. June).
 Lower Saramacca River. WENT 228 (fl. Aug.), PULLE 35 (fl. Nov.).
 Upper Saramacca River. PULLE 128 (fl. Dec.)
 Surinam. HOSTMANN and KAPPLER 1664; HOSTMANN 890 and 1271,
 named *Solanum surinamense* Steud. Flora 1843 p. 764
 Tropical America

Solanum foetidum Ruiz et Pav Flora Peruv. II p 39

Surinam. HOSTMANN 896 and 1271

Tropical Brazil, Guyana.

Solanum Hostmanni Dunal Prodr XIII. 1 p. 184

Surinam HOSTMANN 250

Solanum brevipilosum Dunal Prodr. XIII. 1 p. 199

Surinam HOSTMANN 220

Tropical Brazil, Guyana, West-Indies

Solanum cuneifolium Dunal Solan 193 n 127 t. 22.Lower Commewyne River, near plant. Rust en Werk SPLITGERBER
1103 H. L. B 905, 298—85 (fl March)Surinam River, near Station Victoria KAPPLER ed. Hohenacker 1348
(fl Dec)

Saramacca River, near Groningen. Dr VOLTZ without number.

Surinam DUMORTIER, HOSTMANN H. L. B. 903, 322—9; FOCKE.

Brazil, French Guyana Jamaica

Solanum brachybotryon Dunal Prodr XIII 1 p. 212

Surinam. HOSTMANN 1008.

Solanum cano-cinereum Dunal Prodr. XIII 1 p 213Surinam HOSTMANN ex Dunall c named *Solanum surinamense* Sendtn
Flora Bras X. p 103.**Solanum Juripeba** L. C. Rich Act Soc Hist. Nat. Par. p 107.

Lower Marowynne River, near Albina VERSTEEG 27 (fl July)

Lower Surinam River, near plant. Jagtlust. WENT 38 (fl. July)

Upper Commewyne River. FOCKE 206 (fl. Aug.).

Paramaribo. TULLEKEN 113 H. L. B 903, 322—1467 (fl Aug.), TUL-
LEKEN 116 H. L. B 903, 322—1470 (fl Aug.), Dr VOLTZ without
number, SPLITGERBER 256 H. L. B 905, 298—41 (fl Dec).Para district SPLITGERBER 1101 H. L. B. 905, 298—39 (fl May), SPLIT-
GERBER 1105 H. L. B 905, 298—46 (fl March), near Osembo. FOCKE
45 H. L. B. 905, 298—43 (fl. Apr.), FOCKE 604 (fl. Apr.)

Surinam River. FOCKE 312.

Lower Saramacca River, near Groningen. WENT 174 (fl. Aug.); near
plant Vier Hendrikken WENT 216 (fl. Aug.).Surinam. DUMORTIER without number. HOSTMANN 1013 named *Solanum*
stamineum Steud. Flora 1843 p 26, HOSTMANN H. L. B 903, 322—19

Northern Brazil, Guyana

Solanum lanceaefolium Jacq Coll. II p. 286.

Marowynne River KAPPLER (coll. 1861) H. L. B 903, 322—424

Gonini River VERSTEEG 93 (fl. Aug.).

Coppename River. BOON 1055 and 1067 (fl Aug.-Sept.).

Upper Nickerie River. TULLEKEN 400 H L B. 903, 322—1013 and

TULLEKEN 520 H L B 904, 322—1003 (fl. Sept.).

Vernacular name. »Waterdruif" or »Matrozendruif".

Tropical Brazil, Mexico.

Solanum velutinum Dunal Solan Ic. ined t 53, Prodr. XIII. 1 p 231.

Surinam HOSTMANN 1008

French Guyana

Solanum mammosum Linn. Spec. plant ed I. p 267.

Paramaribo SPLITGERBER 28 H. L. B 905, 298—35 (fl Nov.)

Surinam River, near plant Domburg. TULLEKEN 184 H L. B 903,
322—1174 (fl Aug.)

Surinam HOSTMANN 562, HOSTMANN H. L. B 903, 322—243, FOCKE
384 (fl Sept.)

Vernacular name. »Wintje Bobbie" or »Njoe Wintje Bobbie".

Tropical America

Solanum toxicarium L. C. Rich Act. Soc Hist. nat Par 1792 p 167

Lower Marowynne River, near Albina VERSTEEG 26 (fl July).

Lawa River VERSTEEG 440 (fl Dec.).

Lower Surinam River, near plant Jagtlust: WENT 60 (fl Aug.)

Paramaribo SPLITGERBER 4 H. L. B 905, 298—54 (fl Nov.), near plant

Kwatta FOCKE 1331 named *Solanum trichocarpum* Miq. Stirp Surin.

Select p 134; FOCKE 21 H L B 903, 322—1280 and 1494 (fl July)

Upper Saramacca River. PULLE 219 (fl March)

Coppename River. BOON 1006 (fl Aug.)

Surinam HOSTMANN H. L. B 903, 322—15.

Northern Brazil, Guyana

Solanum rubiginosum Vahl Eclog. II p 17 t 15

Para district. SPLITGERBER 1168 H. L. B 905, 298—48 (fl June).

French Guyana

Solanum crinitum Lam. Illustr n 2336

Commewyne River. KAPPLER without number in hb. Rheno.-Traject

Saramacca River. SPLITGERBER 1063 H L B 905, 298—34 (fl. June)

Surinam HOSTMANN 1270.

Tropical Brazil, French Guyana

Solanum Aubletii Pulle

Bassovia sylvatica Aubl. Plant. Guyan. I. p. 217 t. 85.

Rami glabri, folia membranacea longiuscule petiolata ovato-elliptica,
basi longe cuneata, apice acuta subcuspidata, integerrima utrinque glabra
penninervia, venis subparallelis versus marginem arcuatis anastomosant-

tibus, subtus prominentibus; flores in axillis foliorum subumbellati pedicellis pedunculum aequantibus; calyx campanulatus glaber, 5-fidus, lobis brevissimis, acutis, corolla 5-partita, tubo brevi laciniis ovatis sub-acutis margine revolutis, uni-nervius, extus sparse puberulis. Stamina 5 in parte superiore tubi inserta, filamentis brevibus, inferne brevissime connatis, antheris ovato-ellipticis, filamentis multo longioribus, sulcatis apice poris 2 dehiscentibus, pariete externo multo crassiore quam pariete interno, ovarium ovatum glabrum, stylo terete antheras paulo superante, stigmate obtuso, bacca rugosa, ovata, apice acuminata, bilocularis, semina plurima, reniformia, glabra, in pulpa nidulantia

Planta 3—4 pedalis, foliis solitariis ad 37 cM longis, 14 cM latis, venis lateralibus utrinque ad 17 Petiolus 5—7 cM. longis Pedicelli et pedunculi 1 cM longi. Flores 6 cM lati, antheris 1 mM longis Bacca 18 mM longa, 12 mM lata

Pl XVII

Lawa River, near Cottica Mountains: VERSTEEG 331 (fl. and fr. Oct)
French Guyana.

Comparing the above described specimen with the original specimen of Aublet in the British Museum, I found that my plant in all vegetative parts agrees so perfectly with the original *Bassovia sylvatica* Aubl, that, in spite of the fact that Aublet's specimen bears no flowers or fruit, I did not hesitate to identify the above described plant with *Bassovia sylvatica*. When examining the flowers and fruits, however, it appeared that Aublet's illustration is not quite correct and moreover is too incomplete to found the genus *Bassovia* on it. So e.g. nothing appears from Aublet's illustration about the shape of the anthers and the way in which they spring open. Besides the illustration of the fruit has probably been taken from a dried specimen, so that the seeds, which lie directly under the wall of the fruit, when dried, give the impression as if the fruit were "tuberculate", which is by no means the case, however, as proved by fruits preserved in alcohol which are in my possession. Also of the membranous fringe round the seed nothing can be found in my specimen; here Aublet probably illustrated part of the pulpa or of the cast off testa. From the description given above, it further appears that *Bassovia sylvatica* differs in no respect from *Solanum*. The outer wall of the anther is considerably thicker than the inner one and also the anthers spring open with two apical pores. Hence the genus *Bassovia* Aubl. has become synonymous with *Solanum* Linn. and so it is necessary to give a new generic name to the remaining 11 species of *Bassovia*.



S. Linschoten del.

Lith. firma F.W.M. Trap.

Bassovia sylvatica Aubl.

MARKEA L. C. Rich.

Markea coccinea L. C. Rich. Act. Soc. Hist. Nat. Par. 107.

Gonini River VERSTEEG 231 (fl. Sept.).

Tapanahoni River VERSTEEG 763 (fl. Aug.).

Surinam River, near plant. Jagtlust SPLITGERBER 398 H. L. B. 905
298—30 (fl. Dec.); FOCKE 827 (fl. Aug.) and 488.

Lower Saramacca River, near Mindrinetti PULLE 53 (fl. Nov.)

Surinam KAPPLER 1347, HOSTMANN 348

French Guyana.

CESTRUM Linn.

Cestrum latifolium Lam Illustr. II. p. 5 n. 2275.

Cottica district FOCKE 1350 (fl. Oct.).

Paramaribo FOCKE 833 (fl. Sept.), WENT 310 (fl. Aug.)

Para district SPLITGERBER 979 H. L. B. 905, 298—27 (fl. Jan.).

Surinam: KAPPLER 1572, HOSTMANN H. L. B. 903, 322—249.

West-Indies

NICOTIANA Linn.

Nicotiana tabacum Linn Spec. plant. ed I. p. 258.

Upper Tapanahoni River, near Pontoetoe: VERSTEEG 875 (fl. and fr.
Sept.)

Saramacca River, near Maripaston PULLE 18 (fl. Nov.)

Surinam HOSTMANN 402

Cultivated, Caraiban name. "Tamoe" (Versteeg.).

Tropical America

SCHWENCKIA Linn.

Schwenckia guyanensis Bth in D. C. Prodr. X. p. 195.

Upper Surinam River, near Blauwe Berg: FOCKE 993.

Surinam HOSTMANN 1114.

Guyana

SCROPHULARIACEAE

STEMODIA Linn.

Stemodia parviflora Ait. Hort Kew ed. II. 4 p. 52

Surinam · FOCKE 270

Tropical South-America

Stemodia surinamensis Miq. Linnaea XXII. p. 475

Lower Surinam River, near plant Jagtlust FOCKE 486

Upper Surinam River FOCKE 1307 (fl. May).

ACHETARIA Cham et Schltd.

Achetaria ocymoides (Cham. et Schltd.) Wettst. Naturl. Pflanzenfam.
IV. 3b p. 74.

Beyrichia ocymoides Cham. et Schltd. Linnaea III p. 21

Lower Marowynne River, near Albina. WENT 452 (fl. Oct.), VERSTEEG
32 (fl. July)

Lower Surinam River, near plant. Jagtlust · FOCKE 479.

Paramaribo FOCKE 36; TULLEKEN 46 H. L. B. 903, 322—1303, TULLEKEN 61 H. L. B. 903, 322—1340, TULLEKEN 79 H. L. B. 903, 322—1358 (fl. July); TULLEKEN 111 H. L. B. 903, 322—1465 (fl. Aug.)

Para district, near Post Republiek TULLEKEN 222 H. L. B. 903, 322—1438 (fl. Aug.), near Savanne Berlyn: WENT 388 (fl. Sept.)

Surinam HOSTMANN 578

Tropical Brazil, Guyana.

CONOBEA Aubl

Conohea aquatica Aubl. Plant. Guyan. II. 639 t. 258.

Commewyne River FOCKE 208 (fl. Aug.).

Paramaribo SPLITGERBER 774 H. L. B. 905, 298—9 (fl. March); KEGEL 432 (fl. Aug.)

Para district · VERSTEEG 479 (fl. June), near Post Republiek: TULLEKEN 243 H. L. B. 903, 322—1423 (fl. Aug.)

Surinam HOSTMANN 378, HOSTMANN H. L. B. 903, 322—126.

Guyana, Venezuela

BACOPA Aubl.**Bacopa sessiliflora (Bth.) Pulle**

Herpestis sessiliflora Bth. in Comp. Bot. Mag. II. p. 58.

Para district, near Berlyn: FOCKE 1036 named *Herpestis polyadena* Mig.

Linnaea XXII. p. 474, near Post Republiek: TULLEKEN 251 H. L. B.

903, 322—1444 (fl. Aug.)

Surinam near Landsgrond KEGEL 944 (fl. July).

Bacopa bacopoides (Bth.) Pulle.

Herpestis bacopoides Bth. in D. C. Prodr. X. p. 399.

Litanie River VERSTEEG 375 (fl. Nov.).

Tropical Brazil.

Bacopa flexilis v. Wettst Mss. in Herb. Berol

Herpestis flexilis Klotzsch in Schomburgk's Reise III 1156 (nomen nudum)

Paramaribo: FOCKE 1419 (fl. Jan.)

British Guyana.

Bacopa aquatica Aubl. Plant Guyan. I 128 t 49.

Lawa River VERSTEEG 388 (fl. Oct)

Cottica River, near Post Belair: SPLITGERBER 806 H. L. B. 905, 298—1

(fl. April)

Paramaribo. FOCKE 1 H. L. B. 905, 298—3 named *Bacopa rivularis*

Miq. Mss., near Poelephantje: KEGEL 249 (fl. June).

Para district: VERSTEEG 480 (fl. June), near Osembo FOCKE 326

(fl. Sept.)

Surinam FOCKE 506, HOSTMANN 634, HOSTMANN H. L. B. 903, 322—

237; LANDRÉ H. L. B. 903, 298—11.

Tropical Brazil, Guyana.

TORENIA Linn**Torenia parviflora Hamilt in Wall. Cat 3958**

Para district: VERSTEEG 478 (fl. June), near Osembo FOCKE 580

(fl. Apr.).

Surinam. HOSTMANN 850.

Tropical America and Asia.

LINDERNIA Ail.**Lindernia diffusa (Linn) Wettst Naturl. Pflanzenfam IV. 3b. p. 79.**

Vandellia diffusa Linn Mant. 89

Lower Surinam River, near plant. Jagtlust SPLITGERBER 382 H. L. B.

905, 208—20 (fl. Dec.)

Paramaribo. FOCKE 1111 (fl. May).

Surinam. HOSTMANN 344.

Tropical America

Lindernia crustacea (Linn) F. v. Müll. Census 97.*Capraria crustacea* Linn Mant. p. 87.

Lawa River, near Cottica Mountains. VERSTEEG 295 (fl. Oct.).

Paramaribo. SPLITGERBER 185 H. L. B. 905, 298—19 (fl. Nov.), FOCKE 179; KEGEL 378 (fl. July), TULLEKEN 45 H. L. B. 903, 322—1304 (fl. July), TULLEKEN 59 H. L. B. 903, 322—1338 (fl. July).

Para district, near Koffiedjampo VERSTEEG 475 (fl. June)

Surinam FOCKE 562, 1012, HOSTMANN and KAPPLER 330, HOSTMANN

All tropical countries.

CAPRARIA Linn**Capraria biflora** Linn Spec. plant 875

Paramaribo. SPLITGERBER 579 H. L. B. 905, 298—6 (fl. Febr.); TULLEKEN 6 H. L. B. 903, 322—1320 (fl. July), WENT 15 (fl. July), WENT 258 (fl. Aug.), near Tourtonne FOCKE 513 (fl. Sept)

Lower Nickerie River FOCKE 503 (fl. May).

Surinam WEIGELT, HOSTMANN 628, HOSTMANN H. L. B. 903, 322—7

All tropical America.

SCOPARIA Linn.**Scoparia dulcis** Linn Spec. plant p. 168

Lower Marowyne River, near Albina VERSTEEG 41 (fl. July); TULLEKEN 589 H. L. B. 903, 322—1203 (fl. Nov.).

Tapanahoni River, near Drie Tabbetje VERSTEEG 665 (fl. July)

Paramaribo near Poelepantje KEGEL 25 (fl. June); FOCKE 35, TULLEKEN 4 H. L. B. 903, 322—1322 (fl. July), TULLEKEN 105 H. L. B. 903, 322—1459 (fl. Aug.), WENT 316 (fl. Aug.).

Lower Surinam River, near plant. Domburg: TULLEKEN 259 H. L. B. 903, 322—1164 (fl. Aug)

Lower Saramacca River, near plant. Vier Hendrikken WENT 219 (fl. Aug.); near Maripaston PULLE 7 (fl. Nov)

Surinam. HOSTMANN 380; SPLITGERBER 157 H. L. B. 905, 298—12 (fl. Nov)

Vernacular name "Sisibie Wiwirie".

All tropical countries.

ALECTRA Thunb**Alectra brasiliensis** Bth. in D. C. Prodr. X. p. 339

Cottica River, near plant Sardam FOCKE 525 (fl. Aug.).

Paramaribo, near Poelepantje KEGEL 92 (fl. July)

Surinam FOCKE 143, 153, 171 and 394, HOSTMANN 649.

Tropical Brazil, Guyana, West-Indies

GERARDIA Linn.**Gerardia hispidula** Mart. Nov. Gen. et Spec. III 13 t. 207.

Surinam · FOCKE 40; HOSTMANN 567.

Tropical Brazil, Guyana.

BÜCHNERA Linn

Büchnera palustris (Aubl) Spr. Syst. II. p 805

Peripea palustris Aubl Plant. Guyan. II. 628 t 253.

Para district SPLITGERBER 981 H. L. B 905, 298—5 (fl May); KAPPLER
ed Hohenacker 1418 (fl. Febr.-Apr.), near Savanne Berlyn: WENT
393 (fl. Sept.).

Northern Brazil, Guyana

LENTIBULARIACEAE.

UTRICULARIA Linn

Utricularia purpurea Walt. Flora Car. p. 64.

Surinam: HOSTMANN 25 and 608.

Tropical and sub-tropical America.

Utricularia oligosperma St Hil Voy. II. p. 427.

Cottica River, near Post Oranjewoud FOCKE 142 H. L. B. 899, 108—98 (fl. Oct.), FOCKE 720 (fl. Oct.).

Commewyne River FOCKE 515; SPLITGERBER 484 H. L. B. 899, 108—96, named *Utricularia guyanensis* Splitg. Mss; de Vriese Ned. Kruidk. Arch. I. p. 323

Surinam: DUMORTIER

Brazil.

Utricularia Parkeriana A. DC. Prodr. VIII. p. 9.

Marowynne district KAPPLER ed. Hohenacker 1891 (fl. Aug.)

British Guyana.

Utricularia subulata Linn. Spec. plant. p. 26.

Para district, near Onoribo FOCKE without number.

America.

Utricularia pusilla Vahl Enum. I. p. 202.

Para district, near Onoribo SPLITGERBER 672 H. L. B. 899, 346—3 (fl. March), FOCKE 1054 (fl. Sept.)

French Guyana

Utricularia leptantha Benj Linnæa XX p. 313

Surinam HOSTMANN 980

Utricularia amethystina Salzm. ex St Hil. Mon. Prim. et Lentib. ed. II. p. 40.

Para district, near Onoribo. SPLITGERBER 674 H. L. B. 899, 346—4 (fl. March); named: *Utricularia spatulata* Splitg. Mss

Surinam HOSTMANN H. L. B. 903, 322—129.

Tropical Brazil.

Utricularia Fockeana Miq. Stirp. Surin. Select. p. 113.
Surinam. FOCKE 1141

Utricularia tenuifolia Benj. Linnaea XX p. 304
Para district: VERSTEEG 481 (fl. June).
Surinam: HOSTMANN 83.

Utricularia angustifolia Benj. Linnaea XX. p. 331.
Tapanahoni River: VERSTEEG 736 and 773 (fl. Sept.)
Surinam River, near Joden-Savanne KEGEL ex Benj. l. c. 320.
Surinam: HOSTMANN 804.

Utricularia (Akentra) inflata Benj. Linnaea XX p. 319.
Surinam: HOSTMANN 85.

POLYPOMPHOLYX Lehm

Polypompholyx laciniata Benj. in Linnaea XX. p. 496.
Para district, near Berlyn: SPLITGERBER 973 (fl. Apr.), named *Utricularia longeciliata* A DC.; de Vriese Ned Kruidk. Archief I. p. 325;
near Onoribo FOCKE 1053.
Surinam: HOSTMANN H. L. B. 903, 322—130 and 131.
British Guyana

GESNERIACEAE.

BESLERIA Linn.

Besleria surinamensis Miq. Linnaea XXII p. 471.

Surinam HOSTMANN and KAPPLER 764, KAPPLER 1639.

DRYMONIA Mart.

Drymonia cristata Miq. Linnaea XVIII p. 26

Paramaribo WENT 292 (fl. Aug.).

Surinam FOCKE 766; KEGEL without number; WULLSCHLÄGEL 380.

Drymonia serrulata (Jacq.) Mart. Nov. Gen. III. p. 57

Besleria serrulata Jacq. Hort. Schönbr. III. p. 21 t. 291.

Surinam River, near plant Jagtlust SPLITGERBER 586 H. L. B. 903,
310—164 (fl. Febr.)

West-Indies.

CRANTZIA Scop.

Crantzia Patrisii (D. C.) Fritsch Naturl. Pflanzenfam. IV. 36 p. 168.

Alloplectus Patrisii D. C. Prodr. VII. p. 545.

Gonini River VERSTEEG 253 (fl. Sept.)

Para district, near plant Berlyn. SPLITGERBER 716 H. L. B. 903, 307—
266 (fl. March).

Surinam River, near Bergendal FOCKE 975.

Lower Saramacca River, near Maripaston KEGEL 1370 (fl. May).

Surinam KAPPLER 1372, WULLSCHLÄGEL 1322.

French Guyana.

CODONANTHE Mart.

Codonanthe calcarata (Miq.) Hanst. Linnaea XXXIV p. 416.

Nematanthus calcaratus Miq. Linnaea XXII. p. 472.

Upper Luanie River. VERSTEEG 394 (fl. Dec.)

Lower Surinam River. KEGEL 805 (fl. Febr.).

Paramaribo WULLSCHLÄGEL 379.

Para district WENT 379 (fl. Sept.), near Berlyn FOCKE 941 (fl. March)

Upper Saramacca River PULLE 134 (fl Dec.)

Surinam FOCKE, named *Hypocyrtia crassifolia* Focke in Tydschrift Wissen Natuurk Wetensch. V. p. 200.

French Guyana

GLOXINIA l'Hérit

Gloxinia perennis (Linn) Fritsch Naturl Pflanzenfam IV. 36 p 174

Martynia perennis Linn. Spec plant. 862

Gloxinia maculata l'Hérit

Paramaribo FOCKE 822, named. *Gloxinia trichantha* Mez. Linnaea XXII p. 473

Para district WULLSCHLÄGEL 767

All tropical South-America.

BIGNONIACEAE.

ARRABIDAEA P. DC.

Arrabidaea sordida Bur. et K. Schum. Flora Bras VIII 2 p. 30

Bignonia sordida Klotzsch in Schomb Reise III. 1158 (nomen nudum).

Upper Saramacca River PULLE 462 (fl Jan)

British Guyana

Arrabidaea florida P. DC Prodr IX. p 184.

Upper Tapanahoni River. VERSTEEG 893 (fl Sept.)

Upper Saramacca River: PULLE 450 (fl. Jan.)

Tropical Brazil, Venezuela, Peru, Bolivia.

Arrabidaea candicans P. DC. Prodr IX 185

Surinam River, near Sornau-kreek. KEGEL 1090 (fl. Nov.)

Para district, near Berlyn. WULLSCHLÄGEL 1518

Upper Saramacca River, near Janbasigado PULLE 188 (fl. Jan.)

Amazon district, Guyana, Columbia, Bolivia

Arrabidaea oligantha Bur. et K Schum. Flora Bras VIII 2 p. 63

Marowyne River. KAPPLER (coll 1861) H. L. B. 903, 322-430.

Lower Saramacca River KEGEL 1258 (fl May).

Upper Saramacca River, near Mount Janbasigado PULLE 162 (fl. Jan.).

Tropical Brazil.

Arrabidaea inaequalis (P. DC.) Baill Hist des Plantes X. 28.

Bignonia inaequalis P DC. in Splitgerb Observat. de Bignon Surinam.

in Tydschrift Natuurl. Geschied. en Phys IX p 9, DC. in Prodr.

IX p. 170.

Paramaribo. WULLSCHLÄGEL 803 and 1513 ex Bur et K Schum. l. c.

75, near Tourtonne Focke 492 named *Bignonia decomposita* Miq.

Linnaea XVIII. p 260.

Para district: SPLITGERBER 694 H L. B 898, 196-308 (fl. March).

Surinam: HOSTMANN and KAPPLER.

Vernacular name. "Oeman Barklak" (Splitg.)

Amazon district, French Guyana.

Arrabidaea Pullei Sprague in Bull. de l'Herb Boissier ined

Upper Saramacca River, near Mount Janbasigado. PULLE 170 (fl. Jan.);
near Toekoemoetoe River: PULLE 495 (fl. March)

PETASTOMA Miers.

Petastoma patelliferum (Schlecht.) Miers Proc Roy Hort Soc III, 195

Bignonia patellifera Schlecht. Linnaea 1833 p. 516

Commewyne River: KAPPLER without number

Paramaribo, near Poelepantje. KEGEL 648 (fl. Sept.)

Para district: SPLITGERBER 1088 H. L. B. 898, 196—297 and 298 named

Bignonia cupulata Splitg Tydschr. Nat. Geschied. en Phys. IX p 6
Surinam KAPPLER ed Hohenacker 1957 named *Tabebuia neurophylla*
Miq. Linnaea XXVI, p. 219.

Surinam. HOSTMANN H. L. B. 903, 322—197.

Northern Brazil, Venezuela, Mexico, Costa-Rica.

ADENOCALYMMA Mart.

Adenocalymma inundatum Mart. in P DC. Prodr IX p 201.

var. β *surinamensis* Bur et K Schum. Flora Bras. VIII 2 p. 94

Marowynne River. WULLSCHLÄGEL 11 ex Bur. et K. Schum 1 c

Surinam: HOSTMANN and KAPPLER without number.

Amazon district.

Adenocalymma Kerere Aubl. (sub *Bignonia*) Plant Guyan. II 644 t 260.

Para district SPLITGERBER 1089 H. L. B. 898, 196—320 (fl. May) named

Bignonia Cherere Aubl.; Splitgerber Tydschr. Nat. Geschied. en
Phys. IX p. 8.

Surinam River, near Cassepoerakreek. KEGEL 1168 (fl. Nov.)

French Guyana.

Adenocalymma foveolatum Bur. apud K Schum Natürl Pflanzenfam
IV. 3b p 214.

Marowynne River, near Albina WULLSCHLÄGEL 332 and 1514 ex Bur.
et K. Schum l. c. 110.

Amazon district.

Adenocalymma bilabiatum Sprague Bullet. de l'Herb. Boissier ined.

Lower Saramacca River: PULLE 93 (fl. Nov).

ANEMOPAEGMA Mart.

Anemopaegma microcalyx (G F. W Meyer) Bur. et K Schum. Flora
Bras. VII. 2 p. 134.

Bignonia microcalyx G. F. W Mey. Prim. Esseq 211

Upper Surinam River: FOCKE without number, named *Bignonia micro-*
calyx Mey. var. *acuminata* Miq. Flora XXV. p. 427.

Surinam River, near Joden Savanne KEGEL 1160 (fl. Nov.)

Surinam WULLSCHLAGEL 1032 ex Bur et K. Schum. l. c.

Anemopaegma cupulatum Bur et K. Schum. Flora Bras. VIII. 2 p. 146.

Surinam. WULLSCHLAGEL 59 ex Bur et K. Schum.

Anemopaegma brachycalyx Bur. et K. Schum. Flora Bras. VIII. 2 p. 145

Bignonia brachycalyx Klotzsch in Schomb. Reise III. 1085 (nomen nudum).

Gonini River VERSTEEG 215 (fl. Sept.).

Coppename River. BOON 1074 (fl. Aug.)

British Guyana

Anemopaegma surinamense Sprague Bull. de l'Herb. Boiss. ined.

Marowynne River, near Albina WENT 428 (fl. Octob.)

Pauluskreek FOCKE 1414 (fl. Sept.)

forma **parviflora** Sprague l. c.

Surinam FOCKE 71

Anemopaegma Parkeri Sprague Bull. de l'Herb. Boiss. ined.

Para district, near Savanna Kompas WENT 377 (fl. Sept.)

Lower Coppename River. WENT 128 (fl. Aug.).

CLYTOSTOMA Miers

Clytostoma noterophilum (Mart.) Bur. et K. Schum. Flora Bras. VIII.

2 p. 153

Bignonia noterophila Mart. ex P. DC. Prodr. IX. p. 148.

Marowynne River. KAPPLER (coll. 1861) H. L. B. 903, 322—418.

Lawa River VERSTEEG 454 (fl. Jan.)

Gonini River. VERSTEEG 151 (fl. Aug.)

Tapanahoni River VERSTEEG 886 (fl. Sept.)

Surinam River, near Joden-Savanna KEGEL 119 (fl. Nov.)

Lower Saramacca River PULLE 76 and 96 (fl. Nov.).

Upper Coppename River BOON 1080, 1197 and 1205 (fl. Aug.-Octob.).

Tropical and sub-tropical Brazil, French Guyana.

MARTINELLA Baill.

Martinella obovata (H. B. K.) Bur. et K. Schum. Flora Bras. VIII. 2 p. 161

Spathodea obovata H. B. K. Nov. Gen. et Spec. III. 147

Paramaribo. FOCKE 924 named *Bignonia Fockeana* Miq. Linnaea XVIII.

p. 609, KEGEL 1014 (fl. Sept.), WULLSCHLAGEL 335.

Coppename River BOON (fl. Aug.)

Surinam HOSTMANN 334.

Northern Brazil, Columbia, Venezuela, Costa Rica.

PITHECOCTENIUM Mart.

Pithecoctenium echinatum (Aubl.) K. Schum. Naturl. Pflanzenfam.

IV 36 p. 218

- Bignonia echinata* Aubl. Plant. Guyan 649. t 263 and 264 (pro. p)
 Commewyne River, near plant. Hooiland. SPLITGERBER 522 H. L. B.
 898, 199—128 (fl. Jan.), named *Puthecoctenium Aubletii Splitg.* Tyd-
 schr. Nat. Geschied. en Phys. IX p. 12.
 Para district, near plant la Rencontre FOCKE 795
 Surinam: SPLITGERBER 544 H. L. B. 898, 199—129 (fl. Jan.)
 Vernacular name: »Keesi keesi kam" (Focke) or »Kapellendoos"
 (Splitgerber).
 Tropical America.

DISTICTIS Bur

- Distictis elongata* (Vahl) Bur. et K. Schum Flora Bras VIII 2 p. 178
Bignonia elongata Vahl Eclog. II. p 45 t. 16.
 Paramaribo, near Wanicapad WULLSCHLÄGEL 1517.
 Surinam. HOSTMANN ex Bur. et K. Schum. l. c.
 French Guyana, Venezuela.

- Distictis racemosa* Bur. et K. Schum Flora Bras VIII 2 p. 179.
 Paramaribo. WULLSCHLÄGEL 1033 ex Bur. et K. Schum. l. c.
 Northern Brazil.

PARAGONIA Bur.

- Paragonia pyramidata* (L. C. Rich) Bur in Vidensk. Meddels. naturk
 Foren. 1893 p 104
Bignonia pyramidata L. C. Rich. in Act. Soc. Hist. nat. Paris 1792 p. 110.
 Marowyne River. KAPPLER (coll. 1861) H. L. B 903, 322—354
 Lawa River, near Cottica Mountains VERSTEEG 267 (fl. Octob)
 Gouini River VERSTEEG 141 (fl. Aug.).
 Tapanohoni River: VERSTEEG 765 (fl. Aug.).
 Paramaribo: WENT 355 (fl. Sept.), near Poelephantje KEGEL 1214 (fl Aug)
 Surinam River WULLSCHLÄGEL 334, near Joden-Savanne, KEGEL 1162
 (fl Nov); near Cassepoerakreek: KEGEL 1166 (fl. Nov), near Ber-
 gendal FOCKE 930 named *Zeyheria surinamensis* M. & L. Linnaea XVIII
 p. 250 and 608 (fl. Sept.)
 Pauluskreek: FOCKE 930 (fl. Sept.); WENT 557 (fl Nov)
 Lower Saramacca River: PULLE 90 (fl Nov).
 Upper Saramacca River PULLE 462 (fl. Febr).
 Coppename River BOON 1040 (fl. Aug)
 Upper Nickerie River. TULLEKEN 323 H L B 903, 322—1035 and 1233,
 TULLEKEN 402 H. L. B 903, 322—1508; TULLEKEN 415 H L. B. 903,
 322—1275 and 1282.
 Surinam FOCKE H. L. B. 898, 200—157.
 Tropical and sub-tropical Brazil, Venezuela.

CALLICHLAMYS Miq

Callichlamys latifolia (Rich.) K. Schum. Naturl. Pflanzenfam. IV 36.
p. 223 f. 88 M. N.

Bignonia latifolia L. C Rich. Act. Soc Hist. Nat. Par. 1792 p. 106.

Cottica River · FOCKE 548 (fl. Oct) named *Callichlamys riparia* Miq.
Linnaea XVIII p 254.

Paramaribo KEGEL 1045 (fl. Nov.).

Para district; SPLITGERBER 549 H. L. B. 898, 196—348 named *Delostoma latifolium* Splitg. Tydschr Nat Geschied. en Phys IX. p 11, KAPLER 96.

Pauluskreek: WENT 555 (fl. Nov.), WULLSCHLAGEL 337.

Upper Saramacca River · PULLE 205 (fl. March)

Surinam · FOCKE 170 H. L. B 898, 196—311, HOSTMANN H L B 903,
322—149

Tropical South-America.

CYDISTA Miers

Cydista aequinoctialis (Linn.) Miers Proc Roy. Hort. Soc III 191

Bignonia aequinoctialis Linn Spec plant. ed. I. 623

Lower Marowynne River, near Albina · VERSTEEG 12 (fl. July).

Gonini River. VERSTEEG 66 (fl. Aug), near Poeloegoedoe: VERSTEEG
611 (fl. July).

Tapanahoni River VERSTEEG 688 (fl. July)

Commewyne River, near plant. Canawappibo · SPLITGERBER 309 H L. B.
898, 196—315 (fl. Dec), FOCKE 204

Lower Surinam River, near plant. Jagtlust: WENT 49 and 54 (fl. Aug).

Paramaribo: SPLITGERBER 130 H L B 898, 196—316 (fl. Nov.); SPLITGERBER
558 H L B. 898, 200—167 (fl. Febr.); KEGEL 843 (fl. March),
KEGEL 407 (fl. Aug), KEGEL 474 (fl. Aug), FOCKE 203.

Para district SPLITGERBER 1089 H L B 898, 196—317 (fl. May), named
by Spitzgerber Tydschr. Nat Geschied en Phys.. *Bignonia incarnata* Aubl

Surinam River, near Cassepoerakreek: KEGEL 1164 (fl. Nov).

Lower Saramacca River: WENT 173 (fl. Aug.).

Lower Coppename River: WENT 120 (fl. Aug.), 144 (fl. Aug)

Upper Coppename River · BOON 1058; 1100 and 1252 (fl. Aug-Oct.)

Upper Nickerie River TULLEKEN 478 H. L. B. 903, 322—1054 and 1253.

Surinam WULLSCHLAGEL 1512, 1336 and 331; HOSTMANN named *Bignonia Hostmanni* E Mey. Nova Acta acad. nat. cur. XII. p. 779,
HOSTMANN H L. B 903, 322—265; FOCKE 336.

Tropical South-America

LUNDIA P DC.

Lundia densiflora P DC, Prodr. IX. p. 181.

Gonini River. VERSTEEG 235 (fl. Sept.).

Lower Saramacca River, near Mindrinetti · PULLE 61 (fl. Nov.).

Northern Brazil.

Lundia erionema P. DC. Prodr. IX p. 181.

Surinam River: WULLCHLAGEL 864 ex Bur. et K Schum. l. c. 238.

Northern Brazil.

MEMORA Miers.

Memora flaviflora (Miq.) Pulle.

Spathodea flaviflora Miq. Stirp Surin Select. p. 124.

Marowynne River. KAPPLER ed. Hohenacker 1865 (fl. Aug.).

Tapanahoni River: VERSTEEG 635 (fl. July).

Nickerie River TULLEKEN 501 H. L. B. 903, 322—1012 (fl. Sept.)

Memora caracasana K. Schum in Naturl. Pflanzenfam IV. 36 p. 225.

Upper Saramacca River, near Mount Janbasigado: PULLE 148 (fl. Febr.).

Venezuela.

PLEONOTOMA Miers.

Pleonotoma chondragona (Miq.) Miers. Proc Roy. Hort Soc. III p. 185

Bignonia chondragona Miq. Linnaea XVIII. p. 611.

Marowynne River KAPPLER (coll. 1861) H. L. B. 903, 322—427.

Gonini River: VERSTEEG 85 (fl. Aug.)

Surinam River FOCKE 970 (fl. Sept.).

Lower Saramacca River PULLE 57 and 89 (fl. Nov.).

Venezuela.

MACFADYENA A DC.

Macfadyena uncinata (G. F. W. Mey) P. DC. Prodr. IX p. 180

Bignonia uncinata G. F. W. Mey Prim Flor. Esseq. 210.

Lower Surinam River, near plant. Jagtlust: SPLITGERBER 422 H. L. B. 898, 199—90 (fl. Dec.) named by Splitgerber Tydschr. Nat. Geschied. en Phys IX p. 7 *Bignonia uncinata* G. F. W. Meyer (erroneously E. Meyer).

Cottica River, near plant Adrichem: FOCKE 87 H. L. B. 898, 199—91 (fl. Oct.) and FOCKE 661 named *Dolichandra Fenzliana* Miq. Linnaea XVIII p. 251 and *Macfadyena Fenzliana* Miq. Stirp Surin. Select. p. 125.

Northern Brazil, Guyana, Bolivia

JACARANDA Juss.

Jacaranda filicifolia (Anders.) D. Don. in Edinb phil. journ. 1823 p.

266 No. 4.

Bignonia filicifolia Anders Trans of scienc and arts. XXV 200

Marowyne River KAPPLER (coll. 1861) H. L. B. 903, 322—422

Paramaribo · FOCKE 320

Surinam River, near Cassépoerakreek KEGEL 1171 (fl. Nov.); near
Station Victoria · KAPPLER ed Hohenacker 1359 (fl. Dec.)

Upper Coppename River · BOON 1088 (fl. Aug.)

Upper Nickerie River TULLEKEN 366, H. L. B. 903, 322—1099 (fl. Sept.)

Surinam: WULLSCHLÄGEL 341, TULLEKEN 246 H. L. B. 903, 322—1439.

var. *puberula* K Schum Flora Bras VIII. 2 p 390

Marowyne River: KAPPLER H. L. B. 903, 322—512.

Gonini River VERSTEEG 216 (fl. Sept.)

Upper Saramacca River · PULLE 151 (fl. Jan.)

Upper Coppename River BOON 1050 (fl. Aug.) and 1234 (fl. Oct.).

Vernacular name »Goebai» (Pulle) or »Gobo-Gobo wiwirie (Tulleken).

Jacaranda Copala (Aubl.) D. Don. in Edinb phil. journ. 1823 p. 264

Surinam · HOSTMANN and KAPPLER 1313, HOSTMANN 609a.

French Guyana, Northern Brazil, Panama

TECOMA Juss.

Tecoma araliacea P. DC. Prodr. IX. p. 221.

Para district PLASSCHAERT (fl. Aug.),

Surinam River, near Bergendal WULLSCHLÄGEL 340 ex Schum. l. c. 329

Vernacular name: »Groenhart» (Plasschaert).

Tropical and sub-tropical Brazil, Paraguay.

Tecoma leucoxydon (Linn.) Mart. Mss. in P. DC. Prodr. IX p. 341.

Bignonia leucoxydon Linn. Spec. plant ed. I p. 342

var. *β salpingophora* K. Schum. Flora Bras. VIII. 2 p. 342.

Surinam KAPPLER 1697 and 1697a ex Schum. l. c.

Vernacular name »Courali» (Kappler).

Tropical South-America.

Tecoma conspicua P. DC. Prodr. IX p. 221

Marowyne River KAPPLER (coll. 1861) H. L. B. 903, 322—421

French Guyana.

COURALIA Splitg

Couralia fluviatilis (Aubl.) Splitg in Tydschr. Nat. Geschied. en Phys.
IX. p. 15.

Bignonia fluviatilis Aubl. plant. Guyan. II. 655 t. 267

Marowyne River, near Albina WULLSCHLÄGEL 339.

Wanica kreek: WULLSCHLÄGEL 1035.

Tempati River · FOCKE 1245 named by Miquel, Stirp. Surin. Select p.

122: *Tecoma Meyeriana* DC.

- Pauluskreek · FOCKE 1396 (fl. Sept.)
 Paramaribo, near Poelepantje · KEGEL 836 (fl. March)
 Lower Coppename River: WENT 147 (fl. Aug.)
 Surinam. SPLITGERBER H L B 898, 196—359 (fl. Dec.); HOSTMANN in
 hb. Gott. named *Bignonia aquatilis* E. Mey in Nova Acta Acad.
 nat. cur XII 780, KAPPLER 1697 named *Tecoma insignis* Miq. Stirp.
 Surin. Select. p. 123.
 Vernacular name · »Courali" (Splhtg, Focke)
 French Guyana.

STENOLOBIUM D. Don.

- Stenolobium stans* (Linn.) Seem. in Ann Nat. Hist. X. p. 30
Bignonia stans Linn. Spec. plant. ed. II. p. 871
Tecoma stans Juss. Gen. plant. 139.
 Paramaribo FOCKE 792 (fl. May). -
 Coronie TULLEKEN 561 H. L. B. 903, 322—968 (fl. Oct.)
 Tropical America, cultivated in all tropical countries.

SPATHODEA P. Beauv.

- Spathodea campanulata* P. Beauv. Fl. Owar. I. p. 47 t. 27
 Paramaribo WENT 500 (fl. Octob.), cultivated.
 Western Africa.

CRESCENTIA Linn.

- Crescentia Cujete* Linn. Spec. plant. ed. I. 626.
 Marowayne River, near Poeloemoffo VERSTEEG 443 (fl. Dec.).
 Surinam · FOCKE 767; SPLITGERBER H L. B. 898, 199—12 (fl. Apr.)
 Cultivated.
 Vernacular name · »Kalebas".
 Tropical America

SCHLEGELIA Miq

- Schlegelia illacina* Miq. Botan. Zeit. II 786; Stirp. Surin. Select. p. 116.
 Gonini River: VERSTEEG 250 (fl. Sept.)
 Cottica River. FOCKE 691 (fl. Oct.),
 Paramaribo KEGEL 678b, near plant Kwatta: KEGEL 678a named
Schlegelia elongata Miq. Linnaea XXII. p. 73.
 Para district VERSTEEG 524 (fl. June)
 Lower Coppename River: WENT 108 and 149 (fl. Aug.).
 Surinam · HOSTMANN 698, HOSTMANN H. L. B. 903, 322—297.
-

PEDALIACEAE.

SESAMUM Linn.

Sesamum indicum Linn. Spec. plant. 884.

Surinam: HOSTMANN and KAPPLER 629*p.*, named *Capraria integerrima*
- *Miq.* Linnaea XXII p 476.

All tropical countries.

ACANTHACEAE.

STAUROGYNE Wall.

Staurogyne repens (Nees) O. Ktze Revisio gen. plant.

Ebermaiera repens Nees Flora Bras. IX. p. 20

Surinam: FOCKE 1146.

Tropical Brazil

Staurogyne Miqueliana O. Ktze Revisio gen. plant.

Ebermaiera humilis Mez (non Nees) Stirp. Surin. Select. p. 128

Upper Surinam River, near Bergendal · FOCKE 1159 (fl. Oct)

MENDONCIA Vell.

Mendoncia velloziana Mart Nov. Gen. et Spec. III. p. 22 t. 210.

Paramaribo SPLITGERBER 229 H. L. B. 897, 279—100 (fl. Dec.).

Para district, near Osembo · FOCKE 581 (fl. Apr.); FOCKE 33 H. L. B.

897, 279—119 (fl. Apr.).

Surinam: KAPPLER ed. Hohenacker 1504.

Tropical Brazil, Peru.

Mendoncia aspera Ruiz et Pav. Flora Peruv. p. 158.

Paramaribo, near Poelephantje KEGEL 55 (fl. July).

Surinam. HOSTMANN 44, HOSTMANN H. L. B. 903, 322—202.

Tropical Brazil, Peru.

Mendoncia Sellowiana Nees Flora Bras IX. p. 10.

Paramaribo, near plant. Merveille SPLITGERBER 546 H. L. B. 897, 279—

105 (fl. Jan.), FOCKE 198 H. L. B. 897, 279—106 (fl. Apr.), named

Mendoncia intermedia Splitg. Mss. and *Mendoncia Splitgerberiana*
de Vriese Ned. Kruidk. Arch. I. p. 353.

Para district, near plant. la Rencontre: FOCKE 794 (fl. Apr.).

Tropical Brazil.

THUNBERGIA Linn. f.

Thunbergia fragrans Roxb. Fl. Ind. III. p. 33.

Paramaribo · TULLEKEN 30 H. L. B. 903, 322—1288 and 1296 (fl. July);

WENT 9 (fl. July), WENT 362 (fl. Sept.)

Cultivated.
East-Indies.

Thunbergia alata Bojer in Hook. Exot. Fl. t. 17.

Paramaribo: TULLEKEN 8 H. L. B. 903, 322—1327 (fl. July), WENT 6 (fl. July), WENT 262 (fl. Aug.)
Surinam HOSTMANN 479a, FOCKE 256
Tropical Africa.

HYGROPHILA R Br

Hygrophila guyanensis Nees in Lond. Journ. of Bot. IV. p. 634

Gonini River: VERSTEEG 208 (fl. Sept.)
Tapanahoni River VERSTEEG 843 (fl. Sept.)
Cottica River, near Post-Oranjewoud: FOCKE 698 named by Miquel
Dipteracanthus menthoides Nees
Upper Nickerie River, near Blanche Mariefalls TULLEKEN 360 H. L. B. 903, 322—1120 (fl. Sept.)
British Guyana

RUELLIA Linn

Ruellia tuberosa Linn. Spec. plant. ed. Willd. III. 368

Lower Commewyne River, near plant. Zorgvliet: WENT 413 (fl. Oct.)
Paramaribo: WENT 318 and 343 (fl. Oct.)
New-Nickerie: TULLEKEN 279 H. L. B. 903, 322—1071 (fl. Aug.)
Surinam: HOSTMANN H. L. B. 903, 322—289.
Tropical America.

Ruellia longifolia L. C. Rich. in Act. Soc. Hist. Nat. Par. 1792 p. 110.

Coppename River: BOON 1026 (fl. Aug.).
French Guyana.

Ruellia rubra Aubl. Plant. Guyan. II. p. 666 t. 270.

Marowynne River. KAPPLER (coll. 1861) H. L. B. 903, 322—424.
Lawa River VERSTEEG 281 (fl. Oct.).
Tapanahoni River: VERSTEEG 761 (fl. Aug.).
Near Santigron. WENT 205 (fl. Aug.).
Lower Coppename River: WENT 132 (fl. Aug.).
Upper Coppename River BOON 1190 (fl. Sept.).
Surinam. HOSTMANN 22.
Guyana.

ERANTHEMUM Linn

Eranthemum nervosum (Vahl) R. Br. Prodr. Fl. Nov. Holl. I. 476.

Justicia nervosa Vahl. Eclog. p. 164.
Paramaribo FOCKE 147

Cultivated.
Tropical Asia.

LEPIDAGATHIS Willd.

Lepidagathis alopecuroidea (Vahl) R. Br. ex Griseb. *Flora Br. West. Ind. Isl.* 453.

Ruellia alopecuroidea Vahl *Eclog.* II p. 49.

Gonini River VERSTEEG 214 (fl. Sept.).

Lower Surinam River, near plant. Jagtlust FOCKE 826 (fl. Aug.).

Paramaribo: KEGEL 373 (fl. July)

Near Santigron. WENT 195 (fl. Aug.).

Lower Saramacca River, near plant. Frederici's gift. WENT 248 (fl. Aug.).

Surinam River HOSTMANN 874, HOSTMANN H. L. B. 903, 322—162;

Dr. VOLTZ without number.

Tropical South-America.

Lepidagathis catharactae (Nees) Lindau mss. in *Herb. Berol.*

Marowyne River KAPPLER (coll. 1861) H. L. B. 903, 322—522, near Arminafalls: WENT 459 (fl. Oct.).

Tapanahoni River. VERSTEEG 757 (fl. Aug.).

Coppename River: BOON 1034, 1095 and 1114 (fl. Aug.-Sept.).

Upper Nickerie River, near Blanche-Marie falls TULLEKEN 336 H. L. B. 903, 322—1066 (fl. Sept.), TULLEKEN 338 H. L. B. 903, 322—1068 (fl. Sept.) and TULLEKEN 358 H. L. B. 903, 322—1113 (fl. Sept.).

Amazon district.

APHELANDRA R. Br.

Aphelandra pulcherrima H. B. K. *Nov. Gen. et Spec.* II. 236.

Upper Nickerie River, near Blanche Marie falls: TULLEKEN 326 H. L. B. 903, 322—1058 and TULLEKEN 354 H. L. B. 903, 322—1042 (fl. Sept.).

Columbia, Venezuela, British Guyana.

Aphelandra sciophila Mart. ex Nees, *Flora Bras.* IX. p. 91

Marowyne River, near Arminafalls VERSTEEG 574 (fl. July).

Near Santigron WENT 192 (fl. Aug.)

Surinam River, near Cassepoerakreek. TULLEKEN 157 H. L. B. 903, 322—1396 (fl. Aug.)

Northern Brazil

Aphelandra pectinata Nees in *Prodr.* XI. p. 297

Paramaribo, near Beekhuizen. KEGEL 56 (fl. July)

Para district near Onoribo. SPLITGERBER 631 H. L. B. 897, 274—224 (fl. March); near plant. la Rencontre: FOCKE 772 (fl. Apr.).

Lower Saramacca River, near Groningen. WENT 229 (fl. Aug.)

Surinam HOSTMANN 539; HOSTMANN H. L. B. 903, 322—231

Tropical America

PACHYSTACHYS Nees.

Pachystachys coccinea (Aubl.) Nees Prodr. XI. p. 319

Justicia coccinea Aubl. Plant. Guyan. l. p. 10 t. 3

Paramaribo FOCKE 136.

French Guyana.

Pachystachys latior Nees Prodr. XI. p. 320

Paramaribo KEGEL 963 (fl. Aug.).

British Guyana.

DREJERA Nees.

Drejera boliviensis Nees Prodr. XI. p. 334.

Surinam · HOSTMANN 1124

Bolivia, Venezuela

RHACODISCUS Lindau

Rhacodiscus acuminatissima (Miq.) Lindau Naturl. Pflanzenfam. Nachtr.

I. p. 308.

Rhytiglossa acuminatissima Miq. Stirp. Surin. Select. p. 129.

Gonini River. VERSTEEG 252 (fl. Sept.).

Tapanahoni River: VERSTEEG 764 (fl. Aug.).

Surinam River, near Joden-Savanne KEGEL 871 (fl. May); near Station

Victoria: KAPPLER 819a (fl. Oct.), near Blauwe Berg. FOCKE 996

(fl. Sept.).

Lower Coppename River · WENT 105 (fl. Aug.).

Upper Coppename River · BOON 1027 (fl. Aug.).

Surinam: HOSTMANN 819, 1112, 1716

Guyana.

JUSTICIA Linn

Justicia secunda Vahl Symb. II. p. 7.

Upper Saramacca River · PULLE 214 (fl. March.)

Coppename River, near Raleigh-falls BOON 1016 (fl. Aug.).

Tropical South-America.

Justicia cayennensis (Nees) Lindau Naturl. Pflanzenfam. IV. 3b. p. 350.

Paramaribo: FOCKE 401

Sara-kreek: WENT 507 (fl. Octob.)

Lower Saramacca River, near Maripaston KEGEL 1547 (fl. May),

Surinam. HOSTMANN 1122.

French Guyana.

Justicia carthagenensis Linn. Spec. plant. 1663,

Paramaribo FOCKE 1421.

Cultivated.

Justicia pectoralis Jacq. Americ. p. 3 t. 3.

Gonini River · VERSTEEG 75 (fl. Aug.).

Tapanahoni River, near Mount Teeboe. VERSTEEG 788 (fl. Aug.).

Paramaribo, near plant Kwatta: KEGEL 444 (fl. Aug.)

Para district near Osembo · FOCKE 596 (fl. Apr.), near plant Breukelen:

FOCKE 510 (fl. Aug.)

Surinam KAPPLER 639; HOSTMANN H. L. B 903, 322—190

Tropical South-America.

Justicia Anagallis (Nees) Lindau Naturl. Pflanzenfam. IV. 3b. p. 351*Rhytiglossa Anagallis* Nees. Flora Bras. IX. p. 119.

Para district: VERSTEEG 495 (fl. June).

Coronie TULLEKEN 548 H. L. B. 903, 322—955 (fl. Oct.)

Surinam FOCKE 596, HOSTMANN H. L. B 903, 322—266.

Tropical Brazil.

Justicia obtusifolia (Nees) Lindau Naturl. Pflanzenfam. IV. 3b p 350.

Paramaribo. KEGEL 451 (fl. Aug.).

Surinam: HOSTMANN 727

Tropical America.

Justicia Pöppigiana (Nees) Lindau Naturl. Pflanzenfam. IV. 3b. p 350

Upper Nickerie River TULLEKEN 328 H. L. B 903, 322—1060 (fl. Sept.)

Coppename River: BOON 1010 (fl. Aug.).

Northern Brazil.

Justicia parviflora (Nees) Lindau Naturl. Pflanzenfam IV. 3b. p 350

Saracreek · WENT 506 (fl. Octob.).

Tropical Brazil.

BÉLOPERONE Nees.**Beloperone surinamensis** Miq. Stirp. Surin. Select. p. 130.

Surinam HOSTMANN 796r.

PLANTAGINACEAE.

PLANTAGO Linn.

Plantago major Linn. Spec. plant

Surinam · HOSTMANN H. L. B. 903, 322 — 295

Cosmopolitan.

RUBIACEAE.

OLDENLANDIA Plum.

Oldenlandia corymbosa Linn. Spec. plant. Ed. I p. 119.

Tapanahoni River VERSTEEG 698 (fl. July).

Cottica district, near plant. BADENSTEIN SPLITGERBER 797 H. L. B. 905, 317—39 (fl. Apr.)

Paramaribo FOCKE 620 (fl. July); FOCKE 59 H. L. B. 905, 317—41 (fl. July).

Surinam. HOSTMANN 629*b*, HOSTMANN H. L. B. 903, 322—49.

Brazil, Guyana, East-Indies

Oldenlandia herbacea D. C. Prodr. IV. p. 425.

Litane River. VERSTEEG 396 (fl. Dec.)

Upper Nickerie River. TULLEKEN 398 H. L. B. 903, 322—1117 (fl. Sept.).

Surinam: HOSTMANN 768*a*, 379; WULLSCHLAGEL 258, HOSTMANN H. L. B. 903, 322—61.

All tropical countries.

SIPANEA Aubl.

Sipanea pratensis Aubl. Plant. Guyan. I. 147 t. 56.

Marowynne River KAPPLER (coll. 1861) H. L. B. 903, 322—472, VERSTEEG 614 (fl. July).

Paramaribo. TULLEKEN 81 H. L. B. 903, 322—1360 (fl. July.)

Para district SPLITGERBER 601 H. L. B. 905, 298—136 (fl. Febr.); near Onoribo FOCKE 60 (fl. March), named *Sipanea trichantha* Miq. Linnaea XVIII. p. 293; FOCKE 153; near Osembo. FOCKE 55 H. L. B. 905, 298—138; near Berlyn WENT 386 (fl. Sept.); near Post-Republiek. TULLEKEN 196 and 199 H. L. B. 903, 322—1128 (fl. Aug.)

Surinam River, near Cassepoerakreek. TULLEKEN 152 H. L. B. 903, 322—1167 and 1392, near Joden Savanne TULLEKEN 160 H. L. B. 903, 322—1399 (fl. Aug.).

Coppename River BOON 1077 (fl. Aug.), BOON 1147 (fl. Sept.)

Nickerie River TULLEKEN 372 H. L. B. 903, 322—1107 (fl. Sept.)

Surinam. HOSTMANN 507, 663*a*; HOSTMANN and KAPPLER 307, WULL-

SCHLÄGEL 257, KAPPLER 2084, HOSTMANN H L B 903, 322--92
Tropical South-America.

Sipanea biflora Linn f. Suppl. 134.

Marowyne River KAPPLER ed Hohenacker 1890 (fl. Aug.).

Tapanahoni River VERSTEEG 863 (fl. Sept.)

Paramaribo: SPLITGERBER 937 H. L. B 905, 298—133 (fl. Aug.).

Surinam HOSTMANN 1121

Tropical Brazil, Venezuela

MANETTIA Mut.

Manettia coccinea (Aubl.) Griseb Flora Brit. West-Indian Isl 329.

Nacibea coccinea Aubl. Plant Guyan. 96 t. 37.

Tapanahoni River: VERSTEEG 880 (fl. Sept.)

Upper Saramacca River: PULLE 225 (fl. March)

French Guyana, Peru, Venezuela, Central-America, West-Indies

HILLIA Jacq

Hillia illustris (Vell.) K Schum. Flora Bras. VI. 6 p 202.

Saldanha illustris Vell Flora Flum III. t. 157.

Para district, near Onoribo WULSCHLAGEL 1009.

Tropical Brazil.

OUROUPARIA Aubl

Ourouparia guyanensis Aubl Plant. Guyan. I 177. t 168.

Para district, near Post Republick TULLEKEN 194 H. L. B 903, 322—
1429 (fl. Aug.).

Saramacca River FOCKE 307 (fl. March).

Upper Coppename River BOON 1041 (fl. Aug.)

Surinam. HOSTMANN and KAPPLER ed Hohenacker 610

Tropical Brazil, Paraguay, French Guyana

Ourouparia tomentosa (Willd.) K. Schum. Flora Bras. VI. 6 p. 132

Nauclea tomentosa Willd in Rom. et Schult Syst V p. 221.

Surinam River KAPPLER ed Hohenacker 1684 named *Uncaria suri-*
namensis Miq. Linnaea XIX. p 129.

Lower Saramacca River, near plant Hamburg SPLITGERBER 846 H. L. B.
905, 298—139 (fl. Apr.).

Columbia

ISERTIA Schreb.

Isertia coccinea (Aubl.) Vahl Eclog. II. p. 27.

Guetarda coccinea Aubl. Plant Guyan p. 317 t. 123.

Tapanahoni River. VERSTEEG 617 (fl. July).

Surinam River, near Blauwe Berg: SPLITGERBER 949 H. L. B 905, 317—32 (fl. May), FOCKE 939 (fl. Sept.); named *Isertia flava* Miq. Linnaea XVIII p 613; near Station Victoria: WULLSCHLAGEL 249 ex K. Schum l c. 286.

Surinam HOSTMANN and KAPPLER 153, NOLTE in herb. Gotting. (fl Dec)
Tropical Brazil, Guyana, Peru

***Isertia spiciformis* D. C Prodr. IV p. 437**

Para district, near plant. Berlyn SPLITGERBER 741 H L B 905, 317—37 (fl March).

Surinam River, near Blauwe Berg. SPLITGERBER 935 H L B. 905 317—35 (fl May), near Station Victoria. KAPPLER ed. Hohenacker 1873 (fl. Apr), named *Isertia commutata* Miq Stirp. Surin Select. 172 t. 48 f A

Surinam: FOCKE without number, HOSTMANN 161
French Guyana.

***Isertia parviflora* Vahl Eclog II 27**

Marowayne River KAPPLER ed Hohenacker 1987 (fl, Aug.).

Para district, near Onoribo SPLITGERBER 650 H L. B. 905, 317—34 (fl. March), FOCKE 155 and 888 named *Bruinsmannia isertioides* Miq.

Linnaea XVII p 73 and Stirp. Surin Select. p 173 t 49, KAPPLER 1516
Surinam River, near Joden Savanne. WULLSCHLAGEL 241 ex Schum. l c, 288

Upper Saramacca River PULLE 422 (fl. Jan.).

Upper Coppename River: BOON 1148 (fl Sept.).

Surinam HOSTMANN, Dr. VOLTZ, KEGEL without number
British Guyana, West-Indies

GONZALAGUNIA Ruiz et Pav.

***Gonzalagunia hirsuta* (Jacq.) K Schum Flora Bras. VI. 6 p. 291.**

Justicia hirsuta Jacq Stirp. Amer 4.

var. β *dicocca* K. Schum. l c 292.

Surinam River, near Station Victoria: WULLSCHLAGEL 252.

Surinam HOSTMANN 193.

Brazil, Guyana, Venezuela, West-Indies.

COCCOCYPSELUM P Br.

***Coccocypselum guyanense* (Aubl.) K Schum. Flora Bras VI 6 p. 315.**

Tontanea guyanensis Aubl. Plant. Guyan. 108 t. 42.

Lawa River: VERSTEEG 302 (fl. Oct.)

Paramaribo, near plant. Kwatta KEGEL 154 (fl. Jan.).

Para district near Osembo: FOCKE 599 (fl. Apr.), FOCKE 146, near plant. Berlyn, WULLSCHLAGEL 235

Surinam River, near Joden Savanne SPLITGERBER 865 H L B. 905, 317—15 (fl Apr.).

Surinam. HOSTMANN 740, HOSTMANN and KAPPLER 1063
Tropical Brazil, Guyana, Mexico, Central-America.

SABICEA Aubl.

Sabicea aspera Aubl Plant Guyan 194 t 76

Tapanahoni River VERSTEEG 690 (fl July).

Para district SPLITGERBER 687 H L B 905, 298 131 (fl March) named
Sabicea excorticata Splitg Mss, near Osembo FOCKE 589 (fl Apr),
near Onoribo FOCKE 589 (fl. March)

Lower Saramacca River, near Santigron WENT 198 (fl Aug.), near
Jacob-Kondre. PULLE 127 (fl Dec.).

Surinam. KEGEL, HOSTMANN 40, WULLSCHLAGEL 253 ex Schum. l c. 308.
Tropical America

RETINIPHYLLUM H B K

Retiniphyllum Schomburgkii (Bth) Müll arg. Flora Bras VI. 5 p 12.

Commuranthus Schomburgkii Bth in Hook. Journ. of Bot III. p. 223

Surinam River, near Joden Savanne SPLITGERBER 860 H L B 905, 317—16 (fl Apr)

Para district, near Berlyn WULLSCHLAGEL 807 ex Müll arg l c 14;
Dr. VOLTZ without number.

Surinam. KEGEL 1149, HOSTMANN and KAPPLER ed. Hohenacker 1118.
Northern Brazil, British Guyana

RANDIA Houst.

Randia formosa (Jacq) K Schum Flora Bras VI 6 p 342

Mussaenda formosa Jacq. Stirp Americ 70 t 48

Marowyne River, near Galibi: WENT 419 (fl Oct).

Paramaribo WULLSCHLAGEL 250

Lower Saramacca River, near Maripaston KEGEL 1363 (fl May).

Upper Coppename River. BOON 1071 (fl Aug)

Nickerie, TULLEKEN 297 H L B 903, 322—1220 and 1600 (fr Aug.).

Surinam HOSTMANN 579, HOSTMANN H L B 903, 322—20; FOCKE.

Vernacular name "Marmeldoosje"

Peru, Venezuela, Brazil, Guyana West-Indies

GARDENIA Ellis

Gardenia florida Linn. Spec. plant ed. II. p. 305

Surinam. MENZE ex Schum l c 334

China and Japan

POSOQUERIA Aubl.

Posoqueria longiflora Aubl. Plant. Guyan. l. 134. t. 151

Gonini River. River VERSTEEG 67 (fl. Aug.)

Tapanahoni River. VERSTEEG 899 (fl. Sept.).

Surinam River SPLITGERBER 852 H. L. B. 905, 298—119 (fl. May), near Bergendal FOCKE 416, WULLSCHLAGEL ex Schum. l. c. 338.

Upper Saramacca River PULLE 420 (fl. Jan.).

Lower Coppename River: WENT 135 (fl. Aug.).

Upper Coppename River BOON 1132 (fl. Sept.)

Amazon district, Peru, Guyana.

Posoqueria latifolia Röm. et Schult. Syst. V. 227

Marowynne River KAPPLER 1723; WULLSCHLAGEL 256.

Lower Surinam River, near plant. Jagtlust SPLITGERBER 410 H. L. B. 905, 317—53 (fl. Dec.)

Paramaribo. WULLSCHLAGEL 255; SPLITGERBER 773 H. L. B. 905, 291—118 (fl. March).

Surinam River, near Joden-Savanne: KAPPLER ed. Hohenacker 1723 (fl. Oct.); named *Posoqueria intermedia* Miq. Linnaea XIX. p. 135.

Upper Nickerie River TULLEKEN 399 H. L. B. 903, 322—1227.

Surinam NOLTE in herb. Gotting, HOSTMANN H. L. B. 903, 322—142 Tropical Brazil, Guyana

TOCOYENA Aubl.

Tocoyena guyanensis K. Schum. Flora Bras. VI. 6 p. 346

Gonini River VERSTEEG 247 (fl. Sept.).

Tapanahoni River. VERSTEEG 900 (fl. Sept.).

French Guyana

GENIPA Linn.

Genipa americana Linn. Spec. plant. ed. II. p. 251.

Marowynne River: KAPPLER ed. Hohenacker 635a.

Gonini River. VERSTEEG 119 and 176 (fl. Aug.)

Tapanahoni River. VERSTEEG 754 (fl. Aug.)

Matappica River FOCKE 442 (fl. Oct.).

Surinam River, near plant. Merveille SPLITGERBER 556 H. L. B. 905, 317—22 (fl. Jan.)

Para district, near la Prospérité. FOCKE 10 H. L. B. 905, 319—21.

Coppename River. BOON 1046 (fl. Aug.)

Upper Nickerie River: TULLEKEN 321 H. L. B. 903, 322—1599 and 1693.

Surinam Dr. VOLTZ, HOSTMANN 635.

Vernacular name: »Tapoeripa" or »Taproepa".

All tropical South-America.

AMAJOUA Aubl.

Amajoua guyanensis Aubl Plant. Guyan. Suppl. 13 t 375.

Surinam KEGEL without number

Tropical Brazil, Guyana

DUROIA Linn f

Duroia eriopila Linn. f Suppl p 30 et 209.

Gonini River. VERSTEEG 243 (fl Sept.)

Para district, near plant l'Inquiétude FOCKE 1016 named *Amajoua affinis* Miq Linnaea XVIII p 613, near plant la Prospérité FOCKE 984 named *Amajoua grandifolia* Miq Linnaea XVIII p 291; near plant Berlyn. WULLSCHLÄGEL 1489 ex Schum. l c. 367.

Surinam River, near Bergendal FOCKE 380 (fl Sept.)

Upper Nickerie River. TULLEKEN 351 H L B 903, 322—1230 (fl. Sept)

Surinam HOSTMANN 1187 named *Amajoua surinamensis* Steud. Flora 1843 p 763, HOSTMANN H. L. B 903, 322—302; SPLITGERBER 514 H L B 905, 317—25, named *Genipa Merianae* Rich, near Visscherholle (?). KEGEL 1035 (fl Nov.)

Vernacular name: »Marmeldoos" or »Boschmarmeldoos".

Guyana

ALIBERTIA A Rich.

Alibertia edulis A Rich. in Mém. Soc. hist nat. par. V. 234 t. 21 f. 1.

Marowynne River. KAPPLER (coll. 1861) H. L. B. 903, 322—391.

Surinam River, near Bergendal FOCKE 1279 (fl May).

Northern Brazil, Guyana, Columbia, West-Indies.

BERTIERA Aubl.

Bertiera guyanensis Aubl Plant Guyan. I. 180 t. 69

Para district KAPPLER ed Hohenacker 1487.

Surinam River, near Blauwe Berg. SPLITGERBER 934 H. L. B. 905, 317—2 (fl. May).

Lower Saramacca River, near Maripaston PULLE 16 (fl. Nov).

Surinam HOSTMANN 1202.

Tropical Brazil, Guyana, Columbia, West-Indies.

GUETTARDA Bl.

Guettarda grandiflora Steud Flora 1843 p. 763.

Surinam: HOSTMANN and KAPPLER ed. Hohenacker 1088.

Northern Brazil.

ANISOMERIS Prsl

Anisomeris tenuiflora (Bth.) Pulle.

Chomelia tenuiflora Bth. in Hook Journ of Bot III. p 235.

Surinam. FOCKE without number.

British Guyana

MALANEA Aubl

Malanea sarmentosa Aubl. Plant. Guyan. 106 t. 41.

Surinam: HOSTMANN.

French Guyana,

Malanea glabrescens Bartl. in Schomburgk Reise III 947.

Paramaribo. SPLITGERBER 208 H L B 905, 317—38 (fl. Nov.) named
Malanea Candollei Splitg. Mss

Surinam HOSTMANN without number named *Coffea rigida* Miq. Mss.
British Guyana

COFFEA Linn

Coffea arabica Linn. Spec plant. ed. I. p. 172.

Upper Saramacca River, near Toekoemoetoe: PULLÉ 465 (fl. Febr)

Introduced

Tropical Africa.

IXORA Linn

Ixora coccinea Linn. Spec plant. 159.

Paramaribo. TULLEKEN 48 H. L. B 903, 322—1302 (fl. July)

Cultivated; vernacular name. "Faja lobbie".

East-India.

PSYCHOTRIA Linn.

Psychotria racemosa (Aubl.) Willd Spec I 966.

Nonatelia racemosa Aubl Plant. Guyan I. 187. t 72.

Coppename River WENT 103 (fl Aug.).

Surinam KAPPLER 1626, HOSTMANN H. L. B. 903, 322—196.

Tropical and sub-tropical Brazil, Guyana.

Psychotria inundata Bth. Hook. Journ of Bot. III. 229

Surinam HOSTMANN 1197.

Northern Brazil, British Guyana.

Psychotria Fockeana Miq Linnæa XVIII p 296.

Lower Surinam River, near Jagtlust: WENT 84 (fl. Aug.).

Paramaribo: WENT 256, FOCKE 635 (fl Sept).

Surinam HOSTMANN 455, 518, 519 and 1091.

Psychotria mapourtioides D. C Prodr. V. p 509.

Para district, near Osembo: FOCKE 583 (fl. Apr.)

Surinam LANDRÉ 393 H. L. B. 905, 298—122, HOSTMANN.
French Guyana.

Psychotria cornigera Bth. in Hook. Lond. Journ. of Bot. III. 227
Paramaribo. SPLITGERBER 1022 H. L. B. 905, 298—121 (fl. May).
Lower Saramacca River: PULLE 44 (fl. Nov.)
Trinidad, Guyana.

Psychotria flexuosa Willd. Spec. I p. 966.
Marowynne River, near Albina VERSTEEG 575 (fl. July)
Lower Saramacca River. KEGEL 1259 (fl. May), PULLE 17 (fl. Nov.)
Upper Saramacca River PULLE 196 (fl. Jan.)
Tropical Brazil, Venezuela

PALICOUREA Aubl

Palicourea guyanensis Aubl. Plant. Guyan. I 173 t. 66.
Para district. SPLITGERBER 630 H. L. B. 905, 317—45 (fl. March), near
Onoribo. FOCKE 887 (fl. March)
Surinam HOSTMANN and KAPPLER 1009.
Guyana, Trinidad.

Palicourea xanthina D. C. Prodr. IV p. 525.
Marowynne River KAPPLER ed. Hohenacker 1986 (fl. Aug.)
Para district. SPLITGERBER 1021 H. L. B. 905, 317—48 (fl. May), FOCKE
1038 named *Faramaea erythropoda* Miq. Linnaea XVIII p. 615.
Surinam River, near Bergendal FOCKE 1028 (fl. Sept.).
Lower Saramacca River, near Maripaston KEGEL 1344 (fl. May)
Surinam HOSTMANN.
French Guyana.

Palicourea crocea D. C. Prodr. IV. p. 526.
Lawa River VERSTEEG 305 (fl. Oct.)
Lower Commewynne River, near plant Nyd en Spyt TULLEKEN 143
H. L. B. 903, 322—1388 (fl. Aug.); near plant. Lustryk: SPLITGERBER
327 H. L. B. 905, 317—42 (fl. Dec.).
Paramaribo. SPLITGERBER 1008 H. L. B. 905, 317—43 (fl. Apr.)
Para district KAPPLER ed. Hohenacker 1480 named *Palicourea aurantiaca* Miq. Stirp. Surin. Select 181; FOCKE 141; near Osembo. FOCKE
593 (fl. Apr.), near Post-Republiek: TULLEKEN 196 H. L. B. 903,
322—1125 (fl. Aug.).
Upper Saramacca River: PULLE 145 (fl. Jan.) and 471 (fl. March).
Surinam. HOSTMANN and KAPPLER 761, HOSTMANN and KAPPLER 376
named by Steud. *Nonatelia lutea* Aubl.; HOSTMANN H. L. B. 903,
322—192, Dr. VOLTZ
Tropical America.

Pallcourea umbellata D. C. Prodr. IV p. 526.

Para district, near Onoribo: FOCKE 874; near Osembo: FOCKE 603 (fl. Apr.).

Surinam: HOSTMANN 1091.

French Guyana.

Pallcourea violacea (Aubl.) A. Rich Mém. Soc. hist. Nat. Par. V 175.

Nonatelia violacea Aubl. Plant. Guyan. I t. 73

Gonini River: VERSTEEG 165 and 166 (fl. Aug.).

Lower Saramacca River, near Santigron: WENT 189 (fl. Aug.).

Surinam: HOSTMANN and KAPPLER ed. Hohenacker 1041.

French Guyana.

RUDGEA Salisb.**Rudgea micrantha** Müll. arg. Flora 1876 p. 454

Marowynne River: KAPPLER ed. Hohenacker 1983 (fl. Oct.); KAPPLER (coll. 1861) H. L. B. 903, 322—483.

Lawa River: KAPPLER 900 ex Mull. arg. Flora Bras. VI. 5 p. 201

Gonini River: VERSTEEG 203 (fl. Sept.)

Tapanahoni River: VERSTEEG 712 (fl. July).

Lower Saramacca River, near Maripaston: KEGEL 1327 (fl. May)

Surinam: HOSTMANN, FOCKE.

Guyana, Northern Brazil.

Rudgea Hostmanniana Bth. Linnaea XXIII p. 459

Surinam: HOSTMANN 548 ex Bth. l. c

Tropical Brazil, West-Indies.

GEOPHILA Don.**Geophila herbacea** (Linn.) K. Schum. Nat. Pflanzenfam. IV. 4 p. 119.

Psychotria herbacea Linn. Spec. plant. 245

Marowynne River: KAPPLER ed. Hohenacker 1897 (fl. Aug.) named by

Miquel: *Geophila reniformis* Cham. et Schld.

Paramaribo: SPLITGERBER 478 H. L. B. 905, 317—27 (fl. Jan.).

Lower Saramacca River, near Groningen: WENT 243 (fl. Aug.).

All tropical countries.

Geophila cordata Miq. Linnaea XVIII. p. 72 and Stirp. Surin. Select. p. 175.

Lower Surinam River: FOCKE 471 (fl. Apr.).

Northern Brazil.

Geophila cordifolia Miq. Stirp. Surin. Select. 176.

Lower Surinam River: KAPPLER ed. Hohenacker 1896 (fl. Apr.).

Surinam: HOSTMANN H. L. B. 903, 322—208

URAGOGA Linn.

Uragoga tomentosa (Aubl.) K. Schum. *Naturl Pflanzenfam* IV. 4 p. 120.

Tapogomea tomentosa Aubl. *Plant Guyan* I 160 t 61

Surinam River, near Station Victoria KAPPLER ed. Hohenacker 137r
(fl. Dec.).

Para district FOCKE 30 H. L. B. 905, 317—12, near Kompas WENT
399 (fl. Sept.).

Lower Saramacca River: PULLE 87 and 97 (fl. Nov.), near Santigron.
WENT 188 (fl. Aug.).

Upper Saramacca River. PULLE 220 (fl. March)

Surinam SPLITGERBER 194 H. L. B. 905, 317—10 (fl. Nov.-Dec.)

Amazon district, Guyana, Columbia.

Uragoga purpurea (Aubl. sub *Tapogomea*)

Tapogomea purpurea Aubl. *Plant. Guyan* I 162 t. 63 f. 3

Surinam River, near Blauwe Berg: SPLITGERBER 93 H. L. B. 905, 317—8
(fl. May); near Bergendal FOCKE 361 (fl. Sept.)

French Guyana

Uragoga violacea (Aubl. sub *Tapogomea*)

Tapogomea violacea Aubl. *Plant Guyan*. I 157 t 60.

Marowynne River. VERSTEEG 588 (fl. July)

Gonini River: VERSTEEG 50 (fl. Aug.).

Para district near Onoribo: SPLITGERBER 638 H. L. B. 905, 317—14
(fl. March.)

Surinam River, near Bergendal: FOCKE 283.

Lower Saramacca River: PULLE 26 (fl. Nov.)

Coppename River. BOON 1020 (fl. Aug.)

Surinam: KAPPLER ed. Hohenacker 90, NOLTE in herb. Gotting
Guyana.

Uragoga alba (Aubl. sub *Tapogomea*).

Tapogomea alba Aubl. *Plant Guyan* I. 164 t 62 fig. 4

Surinam HOSTMANN

French Guyana

Uragoga Kappleri (Miq. sub *Carapichea*).

Carapichea Kappleri Miq. *Stirp Surin Select.* p 181

Marowynne River KAPPLER ed. Hohenacker 1871 (fl. Sept.).

Uragoga hirta (Miq. sub *Cephaelis*).

Cephaelis hirta Miq. *Linnaea* XVII 71.

Surinam River, near Bergendal FOCKE 382 (fl. Sept.), near Station
Victoria. KAPPLER ed. Hohenacker 1339 (fl. Sept.).

Uragoga guyanensis (Aubl. sub *Carapichea*).

Carapichea guyanensis Aubl. *Plant. Guyan* 168 t. 64.

Upper Saramacca River: PULLE 212 (fl. March).
French Guyana

Uragoga bracteocardia (DC. sub *Cephaelis*).

Cephaelis bracteocardia DC. Prodr. IV. p. 534

Para district, near Onoribo. SPLITGERBER 622 H. L. B. 905, 317—7
(fl. March), FOCKE 138 (fl. March).

Surinam: KAPPLER 98, HOSTMANN 595.

Tropical Brazil, French Guyana

Uragoga Hoffmannseggiana (Röm. et Schult. sub *Cephaelis*).

Cephaelis Hoffmannseggiana Rom. et Schult Syst V. p. 214.

Paramaribo KAPPLER ed. Hohenacker 1562 named *Psychotria microcephala* Miq. Linnaea XVIII p. 748

Upper Saramacca River: PULLE 126 (fl. Dec.)

Surinam: HOSTMANN H. L. B. 903, 322—134.

Northern Brazil.

PAGAMEA Aubl

Pagamea guyanensis Aubl. Plant Guyan. I 113 t.

Surinam River, near Joden Savanne: SPLITGERBER 866 and 867 H. L. B. 905, 278—1, 2 and 5 (fl. Apr.).

Guyana.

COUSSAREA Aubl

Coussarea albescens (DC.) Müll. arg. Flora Bras. VI. 5 p. 87.

Faramea albescens D. C. Prodr. IV p. 498

Marowynne River. KAPPLER (coll. 1861) H. L. B. 903, 322—475.

Para district KAPPLER ed. Hohenacker 1532 (fl. Febr.-Apr.).

FARAMEA Aubl

Faramea montevidensis DC. Prodr. IV. p. 497.

Pauluskreek FOCKE 1401 (fl. Sept.), WENT 558 (fl. Nov.)

Surinam: HOSTMANN 501 and 515.

Tropical Brazil.

Faramea longifolia Bth. in Hook. Journ. of Bot. III. p. 234

Upper Saramacca River PULLE 419 and 440 (fl. Jan.).

British Guyana.

PERAMA Aubl.

Perama hirsuta Aubl. Plant Guyan. I. 54 t. 18.

Para district, near Onoribo. SPLITGERBER 660 H. L. B. 905, 317—50
(fl. March), near plant. Berlyn: FOCKE 976 (fl. Sept.) named *Perama*

setulosa Miq. Linnaea XVIII. p. 617; WULLSCHLAGEL 818

Surinam River, near Joden Savanne FOCKE 1315 (fl. May)
 Surinam. HOSTMANN 805 and 1073.
 Tropical Brazil, Guyana, Venezuela, Trinidad.

DIODIA Gronov

Diodia rigida Cham. et Schld Linnaea III. p. 341.

Gonini River VERSTEEG 95 (fl. Aug).

Surinam. FOCKE 323 named *Diodia rudis* Miq. Linnaea XVIII p 300
 Tropical South-America.

Diodia spicata Miq. Stirp Surin. Select. 179 t. 52.

Surinam River, near Bergendal. FOCKE 1140 (fl. Oct.).
 French Guyana.

Diodia hyssopifolia Cham et Schld. Linnaea III p 350.

Marowynne River KAPPLER (coll. 1861) H. L. B. 903, 322—468.

Lawa River. VERSTEEG 117 (fl. Aug).

Surinam River: KAPPLER ed Hohenacker 1808 (fl. Apr.), named *Diodia surinamensis* Miq. Stirp Surin. Select p. 180.

Lower Saramacca River PULLE 70 (fl. Nov.)

Upper Saramacca River PULLE 195 (fl. Jan).

Upper Coppename River BOON 1247 (fl Oct)

Northern Brazil, British Guyana.

Diodia sarmentosa Sw. Prodr. Fl. Ind. Occ. 30.

var. β **bisepala K. Schum.** Flora Bras. VI. 6 p 27

Paramaribo. WULLSCHLAGEL 271.

Guyana, West-Indies

HEMIDIODIA K Schum

Hemidiodia ocimifolia (Willd.) K. Schum Flora Bras VI 6 p 29.

Lower Surinam River, near plant Jagtlust WENT 73 (fl. Aug.), FOCKE 464 named by Miquel Linnaea XVIII p. 299. *Spermacoce longifolia* Aubl.

Paramaribo: WENT 293 (fl. Aug)

Lower Saramacca River, near Santigrón: WENT 207 (fl Aug.).

Surinam HOSTMANN 1021 named *Borreria trichantha* Miq Stirp Surin.

Select. p 178, HOSTMANN 487, HOSTMANN and KAPPLER 957

Tropical America, East-India.

BORRERIA G F W. Meyer.

Borreria laevis (Lam) Griseb. Flora Br. West. Ind. Isl. 349.

Spermacoce laevis Lam Ill. Gen. I 273.

Para district near Onoribo. FOCKE 1034 named *Tessiera pubescens* Miq.

Stirp Surin Select p. 179; near plant. Berlyn WULLSCHLAGEL 260

Surinam · HOSTMANN and KAPPLER 69.
Tropical South-America.

Borreria ocymoides DC. Prodr. IV. p. 544.

Lawa River: VERSTEEG 270 (fl. Octob.)

Paramaribo. TULLEKEN 57 H. L. B. 903, 322—1336; WENT 16 (fl. Aug.)

Surinam River: FOCKE 1301, named *Borreria prostrata* Miq. Stirp.

Surin Select 177.

All tropical countries

Borreria verticillata G. F. W. Meyer Prim. Fl. Esseq 83 t. 1. f. 1 and 2.

Para district, near plant. Berlyn FOCKE 1035; SPLITGERBER 114 H. L. B. 905, 317—6.

Surinam River, near Joden Savanne · FOCKE 349 (fl. Sept.) named by Miquel, Linnaea XVIII p. 298 *Borreria suavis* G. F. W. Mey.

Tropical America and Africa.

Borreria latifolia (Aubl.) K. Schum. Flora Bras. VI. 6 p. 61.

Spermacoce latifolia Aubl. Plant. Guyan I. 55. t. 19

Marowynne River, near Albina TULLEKEN 595 H. L. B. 903, 322—1209 (fl. Nov.); WENT 433 (fl. Oct.); VERSTEEG 14 (fl. July).

Lower Surinam River, near Jagtlust: SPLITGERBER 383 H. L. B. 905, 317—4 (fl. Dec.).

Paramaribo; near Wamcapad: FOCKE 70 H. L. B. 905, 317—5 (fl. Sept.), FOCKE 468 named *Borreria tetraptera* Miq. Linnaea XVII p. 70 and XVIII p. 298, WULLSCHLAGEL 265, 267, 268, 272 ex Schum. l. c 62.

Para district KAPPLER ed. Hohenacker 1685 (fl. July).

Upper Surinam River · FOCKE 1297 named *Borreria penicillata* Miq. Stirp. Surin. Select. 177 t. 51.; WULLSCHLAGEL 269.

Surinam FOCKE 505 named *Borreria Fockeana* Miq. Linnaea XVIII p. 299; HOSTMANN 975.

Tropical Brazil, Guyana.

MITRACARPUS Zucc.

Mitracarpus frigidus (Willd.) K. Schum. Flora Bras. VI. 6 p. 82.

Spermacoce frigida Willd. in Röm. et Schult. Syst. III 531

var. β *discolor* K. Schum. l. c

Para district, near Onoribo SPLITGERBER 637 H. L. B. 905, 317—3, named *Borreria hispida* Splitg. mss., FOCKE 1008 (fl. Sept.), named *Mitracarpum discolor* Miq. Linnaea XVIII p. 616; near Kompas WENT 383 (fl. Sept.); near Berlyn. WULLSCHLAGEL 264.

Surinam River, near Joden Savanne TULLEKEN 161 H. L. B. 903, 322—1400 (fl. Aug.).

Surinam HOSTMANN 299.

Tropical and sub-tropical South-America

CUCURBITACEAE.

MELOTHRIA Linn

Melothria trilobata Cogn. Flora Bras. VI. 4 p. 26.

Paramaribo. WULLSCHLAGEL 979 ex Cogn. l.c. 27.

Melothria fluminensis Gardn. in Hook Journ. of Bot I. p. 173

Paramaribo. KEGEL 146 (fl. July), KAPPLER 1612.

Surinam: FOCKE 531, HOSTMANN and KAPPLER 112, HOSTMANN 74 and 112a, HOSTMANN H. L. B. 903, 322—24, SPLITGERBER 10 H. L. B. 901, 288—147 (fl. Nov.).

var. γ **microphylla** Cogn l.c. 28.

Surinam BERTHOUD COULON 524 and 525 ex Cogn l.c.

Tropical South-America

ANGURIA Plum

Anguria triphylla Miq. Linnaea XIX p. 136.

Tapanahoni River VERSTEEG 756 (fl. Aug.)

Commewyne River, near plant Canawappibo SPLITGERBER 310 H. L. B. 901, 287—13 (fl. Dec.); named *Anguria heterophylla* Splitg. Mss.

Lower Surinam River, near plant. Jagtlust WENT 93 (fl. Aug.)

Paramaribo, near Beekhuizen KEGEL 956 (fl. July) and 652 (fl. Sept.)

Surinam: KAPPLER 1728; HOSTMANN H. L. B. 903, 322—150.

Tropical South-America.

Anguria trilobata Jacq. Enum. pl. Carib. p. 31

Commewyne River, near plant Canawappibo. SPLITGERBER 314 H. L. B. 901, 287—12 (fl. Dec.).

Columbia, Venezuela, French Guyana

Anguria umbrosa H. B. K. Nov. Gen. et Spec. II p. 121.

Surinam. HOSTMANN 1098.

Northern South-America.

GURANIA Cogn.

Gurania Levyana Cogn. Diagn. Cucurb. I. p. 26

var. *β. glabra* Cogn. l. c.

Upper Surinam River, near Blauwe Berg: SPLITGERBER 948 H. L. B.
901, 287—445 (fl. May), named: *Anguria macrophylla* *Splig* mss.
Surinam: HOSTMANN 1226 in hb. Kew.
Panama, Nicaragua.

Gurania Kegeltiana (Schltd.) Cogn. Diagn. Cucurb. I. p. 16.

Anguria Kegeltiana Schltd. Linnaea XXIV. p. 776.
Paramaribo, near Poelephantje. KEGEL 689 (fl. Febr.).
Columbia.

Gurania subumbellata (Miq.) Cogn. Diagn. Cucurb. I. p. 17

Anguria subumbellata Miq. Sturp Surin Select p. 163
Surinam: KAPPLER 1727; HOSTMANN 173; BERTHOUD-COULON 519 in
Herb. Br. Mus.
Tropical Brazil, British Guyana.

Gurania spinulosa (Pöpp et Endl.) Cogn. Diagn. Cucurb. I. p. 17

Anguria spinulosa Pöpp et Endl. Nov. Gen. et Spec. II. p. 51. t. 170.
Surinam: HOSTMANN 569.
Northern Brazil, Peru, Columbia, Venezuela, British Guyana.

Gurania Durandii Cogn. in Bull. Soc. Bot. Belg. XVII. p. 293

Upper Saramacca River, near Granman-kondre. PULLE 448 (fl. Jan.).
Surinam. HOSTMANN 173 in Herb. Kew.; WULLSCHLÄGEL 211 in
herb. Brux.
British Guyana

Gurania multiflora (Miq.) Cogn. Diagn. Cucurb. I. p. 16.

Anguria multiflora Miq. Linnaea XVIII. p. 366
Paradistrict, near plant. la Rencontre FOCKE 791 (fl. Apr.).
Paramaribo: KEGEL 707 (fl. Febr.).
Tropical Brazil.

Gurania guyanensis Cogn. Diagn. Cucurb. I. p. 18.

Anguria guyanensis Klotzsch (nomen nudum) in Schomburgk's Reise III.
p. 988.
Commewyne River, near plant Canawappibo SPLITGERBER 315 H. L. B.
901, 287—444 (fl. Dec.)
Upper Saramacca River PULLE 484 (fl. March)
Surinam: HOSTMANN 561 in hb. Kew.
British Guyana.

Gurania breviflora Cogn. Diagn. Cucurb. I. p. 40

Paramaribo WULLSCHLÄGEL in hb. Brux. ex Cogn.

Gurania cissoides (Bth) Cogn. Diagn. Cucurb. I. p. 18.

Anguria cissoides Bth. in Hook Kew Journ of Bot II. 242.

Sarakreek WENT 515 (fl Oct)

Surinam BERTHOUD-COULON 526 ex Cogn.

Northern Brazil, Guyana, Peru

Gurania diversifolia Cogn Diagn. Cucurb. I p. 42.

Surinam WULLSCHLÄGEL 1474 ex Cogn

French Guyana.

HELMONTIA Cogn.

Helmontia leptantha (Schltd.) Cogn. Diagn Cucurb I p. 20

Anguria leptantha Schltd. Linnæa XXIV. p. 779

Lower Surinam River, near plant Geyersvlyt KEGEL 723 (fl. Febr.)

Lower Saramacca River, near Maripaston KEGEL 1325 (fl. May).

Surinam. WULLSCHLÄGEL 1313 ex Cogn

British Guyana

Helmontia simplicifolia Cogn. Diagn Cucurb. I. p. 44

Surinam. BERTHOUD-COULON 526 ex Cogn.

Northern Brazil, British Guyana

MOMORDICA Linn.

Momordica Charantia Linn. Spec plant. Ed I. p. 1009

Paramaribo: WENT 309 (fl Aug).

Surinam SPLITGERBER 1137 H. L. B. 901, 288—429 (fl Febr.), FOCKE

615 (fl May), HOSTMANN and KAPPLER 813; HOSTMANN 813a.

All tropical countries.

LUFFA Linn

Luffa cylindrica (Linn.) Röm. Syn. fasc. II p. 63.

Momordica cylindrica Linn Spec. plant 1009.

Paramaribo: WENT 356 (fl Oct).

Surinam: FOCKE, WULLSCHLÄGEL 1475

Vernacular name. »Zeeftkomkommer» (Focke).

Tropical Asia

Luffa acutangula Roxb. Hort. Beng p. 70.

Tapanahoni River: VERSTEEG 581 (fl. July).

Nickerie. TULLEKEN 281 H. L. B. 903, 332—1606.

Vernacular name »Sikwa» (Versteeg).

Tropical Asia.

Luffa operculata (Linn.) Cogn. Flora Bras. VI 4 p. 12.

Momordica operculata Linn. Spec. II. p. 1430

Surinam: BERTHOUD COULON 522 ex Cogn
Tropical America.

CITRULLUS Neck.

Citrullus vulgaris Schrad Linnaea XII. p 412

Lawa River, near Poeloemoffo. VERSTEEG 301 (fl Oct.)

Vernacular name »Water-meloen»

South-Africa, cultivated in all tropical and sub-tropical countries

CUCUMIS Linn

Cucumis Anguria Linn. Spec. plant I p. 1011.

Surinam WULLSCHLAGEL 206 ex Cogn

South and Central America

LAGENARIA Ser

Lagenaria vulgaris Ser Mém Soc. Gèneve III p. 25

Lawa River, near Cottica. VERSTEEG 291 (fl Oct.).

Surinam KEGEL 880 (fl May).

Vernacular name. »Flesch-kalebas

All tropical countries

CUCURBITA Linn.

Cucurbita Pepo Linn Spec pl ed. I 1010

Marowynne River. VERSTEEG 584 (fl July).

Paramaribo KEGEL 978 (fl Aug.).

Surinam HOSTMANN H L. B 903, 322—291.

Cultivated in all tropical and temperate countries

Cucurbita moschata Duch. in Dict. Sc nat XI. p. 234

Surinam BERTHOUD-COULON 520 ex Cogn.

All tropical countries.

CAYAPONIA Mans

Cayaponia calycina Cogn Flora Bras VI 4 p 78

Lower Surinam River, near Geyersvlyt. KEGEL 803 (fl. Febr)

Upper Saramacca River PULLE 472 (fl March)

Surinam. LESCHENAULT; WULLSCHLAGEL 978 ex Cogn.

Amazon district

Cayaponia augustiloba Cogn. Monogr Phan III p 771.

Para district WULLSCHLAGEL 208 ex Cogn l c

British Guyana.

Cayaponia triangularis Cogn Monogr Phan. III. 774
Surinam WULLSCHLÄGEL 207 ex Cogn. 1 c.

ECHINO CYSTIS Torr. et Gr.

Echinocystis muricata (Vell.) Cogn Flora Bras. VI. 4 p 88.
Momordica muricata Vell Flora Flum. X t. 94
Para district WULLSCHLÄGEL 980 ex Cogn 1 c.
Tropical Brazil, Columbia

CAMPANULACEAE.

CENTROPOGON Presl.

Centropogon surinamensis (Linn.) Presl Prodr Mon. Lob (1836) p 48 n. 1.

Lobelia surinamensis Linn Spec plant ed II p 1320

Lower Marowyne River, near Albina VERSTEEG 533 (fl. July).

Lawa River VERSTEEG 320 (fl Oct)

Upper Commewyne River FOCKE 205 (fl Oct).

Lower Surinam River, near plant Jagtlust TULLEKEN 88 H. L. B. 903,
322 - 1367 (fl July), WENT 78 (fl Aug).

Paradistrict VERSTEEG 493 (fl June)

Paramaribo KEGEL 311 (fl. July).

Lower Saramacca River, near Santigron WENT 199 (fl. Aug.).

Upper Saramacca River PULLE 209 (fl March)

Surinam HOSTMANN H. L. B 903, 322 - 64

Tropical South-America

COMPOSITAE

SPARGANOPHORUS Gärtn.

Sparganophorus Vallantii Gärtn Fr. II. 396 t 165

- Paramaribo SPLITGERDER 48 H. L. B. 901, 86—448 (fl. Nov.), FOCKE 819, near Tourtonne · FOCKE 636 (fl. Sept.), KEGEL 142 (fl. July).
Surinam River, near Station Victoria: KAPPLER 1817 (fl. Sept.)
Lower Saramacca River, near Groningen: WENT 241 (fl. Aug.); near Santigron WENT 208 (fl. Aug.)
Upper Saramacca River. PULLE 130 (fl. Dec.).
Surinam. HOSTMANN 480, WULLSCHLÄGEL 297; HOSTMANN 903, 322—78 and 229
Tropical America and Africa

PACOURINA Aubl.

Pacourina edulis Aubl Plant. Guyan II. 800 t. 316

- Surinam VAN HALL 15a; HOSTMANN 556
Northern Brazil, Guyana, Columbia.

VERNONIA Schreb

Vernonia remotiflora L. C Rich Act Soc Hist. Nat. Par. 1792 p. 117

- Tapanahoni River, near Mount Teeboe. VERSTEEG 800 (fl. Aug.).
Saramacca River, near Saron · KEGEL 1261 (fl. May).
Surinam HOSTMANN 894; WULLSCHLÄGEL 288.
Northern Brazil, Guyana, Cuba

Vernonia scorpioides Pers. Ench. II. 404

- Paramaribo: FOCKE 646 (fl. Sept.), near Poelephantje. KEGEL 705 (fl. Febr.), TULLEKEN 18 H. L. B. 903, 322—1281 (fl. July); WENT 341 (fl. Oct.).
Paradistrict · VERSTEEG 471 (fl. June).
Surinam HOSTMANN 673, KAPPLER 1407; WULLSCHLÄGEL 286 ex Baker Flora Bras. VI. 2 p. 101.
Tropical America

PIPTOCARPHA Bennett

Piptocarpa triflora (Aubl.) Benn. in Herb Br Mus ex Baker Flora Bras. VI. 2 p 132.

Eupatorium triflorum Aubl Plant. Guyana. II. 795 t. 314.

Surinam · HOSTMANN 126; WULLSCHLAGEL ex Baker l c

ELEPHANTOPUS Linn.

Elephantopus scaber Linn.

var. **tomentosus** Schultz-bip. Linnaea XX p. 516.

Marowyne River, near Albina: VERSTEEG 31 (fl July)

Marowyne River · KAPPLER (coll. 1861) H. L. B 903, 322—413

Gonini River. VERSTEEG 114 (fl Aug.)

Lower Surinam River, near Jagtlust. WENT 75, 76 and 77 (fl. Aug.).

Paramaribo KEGEL 308 (fl July); KEGEL 8 (fl. June); TULLEKEN 56

H L B. 903, 322—1335 (fl July), WENT 539 (fl. Nov); WENT 22 (fl July).

Paradistrict, in Savanne Berlyn WENT 387 (fl Sept.).

Lower Saramacca River: PULLE 112 (fl Dec.).

Surinam HOSTMANN 147, 338, 488 and 875, FOCKE 302 and 696,

HOSTMANN H. L. B. 903, 322—185, SPLITGERBER H. L. B 900, 258—112

All tropical countries.

Elephantopus angustifolius Swartz Prodr 115.

Commewyne River, near plant. Brouwerslust: SPLITGERBER 429 H L. B. 900, 258—62 (fl. Dec)

Surinam HOSTMANN and KAPPLER ed Hohenacker 526, named by Schultz bip *Elephantosis quadriflora* Less, HOSTMANN 1259.

Tropical Brazil, Guyana, West-Indies

ROLANDRA Rottb

Rolandra argentea Rottb Soc. Med Havn. Coll. II. 256.

Marowyne River KAPPLER (coll 1861) H L B 903, 322—415, near Albina WENT 455 (fl. Oct.)

Paramaribo SPLITGERBER 248 H L. B. 901, 52—209 (fl. Dec), near Beekhuizen. KEGEL 199 (fl. July).

Para district, near Post Republiek: TULLEKEN 240 H L B 903, 322—1425 (fl Aug.)

Surinam HOSTMANN H L B. 903, 322—232

Tropical Brazil, French Guyana, West-Indies

AGERATUM Linn

Ageratum conyzoides Linn Spec plant 1175.

Paramaribo TULLEKEN 11 H L B 903, 322-1315, TULLEKEN 69 H L B. 903, 322-1349 (fl July), TULLEKEN 150 H L B 903, 322-1390 (fl. Aug)

Lower Saramacca River, near Groningen WENT 163 (fl. Aug.).

Nickerie TULLEKEN 313 H L B 903, 322-1048 (fl Sept)

Vernacular name: 'Wetede' or 'Bokki Boontje' (Tulleken).

All tropical countries.

MIKANIA Willd

Mikania amara Willd. Spec plant III 1744

Marowynne River KAPPLER (coll 1861) H L B 903, 322-411.

Coppename River. BOON 1086 (fl Aug.),

Surinam ROLANDER, WULLSCHLAGEL ex Baker l c 237, HOSTMANN 602 named by Miquel, Stirp. Surin Select p 191. *Mikania stipitata* Schultz-bip

Brazil, Guyana

var β *Guaco* Baker Flora Bras VI 2 p. 237

Mikania Guaco H. B. K. Nov Gen. et Spec. IV 136.

Paramaribo KEGEL 377 (fl July)

Surinam FOCKE 460 named *Mikania argyrostigma* Miq. Linnaea XVII p. 69; HOSTMANN 885, HOSTMANN H L B. 903, 322-160 and 212, WULLSCHLAGEL ex Baker l c 238

Amazon district, Peru, Central-America

Mikania aspera Miq Linnaea XVII p 68

Paramaribo: KEGEL 660a (fl Sept)

Upper Commewyne district FOCKE 209 (fl Sept)

Mikania gracilis Schultz. bip. ex Miq Stirp Surin. Select. 187

Surinam HOSTMANN and KAPPLER ed. Hohenacker 1017, HOSTMANN H L. B. 903, 322-267.

Mikania Hookeriana D C Prodr V. 195

Surinam WULLSCHLAGEL ex Baker l c 242

Tropical Brazil, British Guyana, Nicaragua

Mikania angularis H. B Plant aequin II. 87 t. 106

Paramaribo: WULLSCHLAGEL ex Baker l. c 245

Surinam HOSTMANN 164.

Columbia.

Mikania scandens Willd Spec plant. III. p 1473.

Gonini River VERSTEEG 84 (fl. Aug).

Paramaribo, near plant. Kwatta. KEGEL 143 (fl July)

Lower Saramacca River: PULLE 49 (fl. Nov.).

Nickerie TULLEKEN 585 H. L. B. 903, 322—992 (fl. Nov.).

Surinam HOSTMANN 144; FOCKE 664 named *Mikania atriplicifolia* *Schultz-bip* in Miquel, Stirp. Surin. Select. p 189

All tropical countries.

var. ♂ *congesta* Baker l c. 249.

Surinam: WULLSCHLÄGEL ex Baker l c.

Mikania cordifolia (Linn. f) Willd Spec. plant III 1746

Cacalia cordifolia Linn f. Suppl 351.

Marowyne River KAPPLER (coll. 1861) H. L. B. 903, 322—410

Cottica River, near plant. Badenstein: SPLITGERBER 781 H. L. B. 900, 362—101 (fl Apr.)

Commewyne River, near plant Nyd en Spyt TULLEKEN 137 H. L. B. 903, 322—1383 (fl Aug)

Lower Surinam River, near plant. Jagtlust WENT 35 and 62 (fl Aug)

Paramaribo: KEGEL 365, named by Schultz-bip. Linnaea XXI p. 244.

Mikania gonoclada D C, TULLEKEN 63 H. L. B. 903, 322—1342 (fl July), WENT 4 (fl July).

Para district, near plant la Rencontre FOCKE 785 named by Miquel.

Linnaea XVIII p 595: *Mikania gonoclada* D. C. and *Mikania surinamensis* Miq. Stirp Surin. Select. p 188

Surinam HOSTMANN 717, HOSTMANN H. L. B. 903, 322—72, named *Mikania Hostmanni* Miq. Stirp Surin Select p 188.

All tropical countries.

Mikania psilostachya D. C Prodr V p 190.

var. ♂ *scabra* Baker l c 265.

Mikania scabra D C Prodr. V. p. 190

Surinam River, near Blauwe Berg: SPLITGERBER 945 H. L. B. 900, 362—67 (fl May)

Para district, near Koffiedjampo KEGEL 660 (fl. Sept.), near Post-Republiek TULLEKEN 238 H. L. B. 903, 322—1427 (fl Aug.); FOCKE 145 named *Mikania Fockeana* Miq Linnaea XVII. p 68 and Stirp Surin. Select. p 190, near Onoribo. FOCKE 868 (fl. March), near Osembo: FOCKE 588 (fl. Apr).

Surinam HOSTMANN 777; HOSTMANN H. L. B. 903, 322—194; WULLSCHLÄGEL ex Baker l c 266

All tropical America

Mikania trinitaria D C. Prodr. V p. 194

Surinam River, near Joden Savanne: KEGEL 1501 (fl. Nov.).

EUPATORIUM Linn

Eupatorium conyzoides Vahl Symb. III 96

Lower Marowyne River, near Albina. WENT 437 (fl. Oct.); TULLEKEN 593 H. L. B. 903, 322—1207 (fl Oct.)

Gonini River VERSTEEG 82 (fl. Aug.)

Paramaribo: SPLITGERBER 27 H L B 900, 282—183 (fl. Nov.).

Para district, near Post-Republiek TULLEKEN 232 H L B 903, 322—1152 and 1153 (fl. Aug.).

Upper Saramacca River. PULLE 184 (fl. Jan.).

Surinam VOLTZ without number

var. *pauciflorum* Baker l. c. 278.

Surinam WULLSCHLÄGEL 883 ex Baker l. c.

All tropical America

***Eupatorium macropodium* Baker** Flora Bras VI 2 p 280

Paramaribo WULLSCHLÄGEL 273

***Eupatorium squalidum* D C** Prodr. V. 142.

var. *β subvelutina* Baker l. c. 282.

Eupatorium subvelutinum D C Prodr. VII. 268.

Tapanahoni River, near Mount Teeboe VERSTEEG 795 (fl. Sept.)

Surinam HOSTMANN 1273 named *Eupatorium dichotomum* Schulz-bip.
ex Miquel, Stirp. Surin Select p. 184.

var. *ε Martiusii* Baker l. c. 282

Eupatorium Martiusii D C Prodr VII 269

Surinam WULLSCHLÄGEL 1011, HOSTMANN 1273.

Tropical America.

***Eupatorium laevigatum* Lam** Encycl II 408

Marowynne River, near Poeloegoedoe VERSTEEG 615 (fl. July).

Tapanahoni River VERSTEEG 811 (fl. Aug.)

Upper Commewynne district. FOCKE 211 (fl. Sept.), named by Miquel,
Stirp Surin Select. p 183. *Eupatorium psiadiaefolium* *β latifolium* D C.

Lower Surinam River, near plant Jagtlust. TULLEKEN 89 H. L. B
903, 322—1368 (fl. July)

Paramaribo FOCKE 652 (fl. Sept.), KEGEL 45 (fl. July).

Paradistrict SPLITGERBER 1154 H L B 900, 282—293 (fl. Apr.).

Lower Saramacca River, near Groningen. WENT 179 (fl. Aug.).

Surinam HOSTMANN 268 and 462; HOSTMANN H L. B. 903, 322—12

HOSTMANN (coll 1824) in hb. Gotting named *Eupatorium conyzoides*
Vahl by E Meyer in Nova Acta. Acad. Nat Cur XII. p 786 No. 5.

All tropical America

var. *γ microcephala* Baker l. c. 287

Paramaribo. WULLSCHLÄGEL 278

***Eupatorium odoratum* Linn** Spec plant, ed II p 1174.

Surinam WULLSCHLÄGEL 291 ex Baker l. c 288,

West-Indies, Central America.

Eupatorium Vitalbae D. C Prodr V. p 163

Lower Commewyne district · FOCKE 249 and 662, named *Campuloclinium surinamense* Miq Linnaea XVII p. 69, Linnaea XVIII p 595 and Stirp. Surin Select. p 182

Paramaribo, near Beekhuizen. KEGEL 1008 (fl. Sept)

Surinam: HOSTMANN (coll. 1824) in. hb Götting named by E. Meyer in Nova Acta Acad Nat. Cur. T. XII p 786 No. 67; *Eupatorium odoratum* Linn., HOSTMANN 339 and 986; WULLSCHLÄGEL 274, 275, 276 ex Baker l. c. 306

All tropical America.

Eupatorium amygdalinum Lam Encycl. II. 408.

Para district · TULLEKEN 248 H. L. B. 903, 322—1441 (fl. Aug.).

Surinam FOCKE 962, HOSTMANN 1255 named *Eupatorium surinamense Schultz-bip* in sched and *Eupatorium ixodes Bth.* by Miq. Stirp.

Surin. Select p. 185; WULLSCHLÄGEL 279 ex Baker l. c. 313.

Tropical Brazil, Guyana, Venezuela, Peru, Columbia.

Eupatorium urticifolium Linn. f. Suppl. 354.

Lower Marowyne River, near Albina WENT 434 (fl. Oct.); VERSTEG 18 (fl. July).

Paramaribo. FOCKE 42

Upper Surinam River · FOCKE 1309.

Lower Saramacca River, near Maripaston. KEGEL 1295 (fl. May).

Surinam FOCKE 346; HOSTMANN 1022 and 882, WULLSCHLÄGEL 280 ex Baker l. c. 344.

All tropical South-America.

Eupatorium macrophyllum Linn. Spec plant 1175

Paramaribo: KEGEL 986 (fl. Aug.).

Surinam HOSTMANN 251.

Tropical Brazil, Guyana, Peru, Cuba, Mexico.

ERIGERON Linn**Erigeron canadense** Linn Spec plant. 1211.

Paramaribo, near plant. Kwatta KEGEL 111 (fl. July).

Surinam. HOSTMANN 1212; HOSTMANN H. L. B. 903, 322—326;

WULLSCHLÄGEL 1501 ex Baker Flora Bras. VI. 3 p. 30.

Cosmopolitan.

CONYZA Linn.**Conyza chilensis** Spreng. Nov. Prov 1818 p. 14

Surinam: WULLSCHLÄGEL 1499 ex Baker l. c. 36.

All tropical and sub-tropical America.

RIENCOURTIA Cass.

Riencourtia glomerata Cass. Dict. XLIII 370.

Paradistrict, near Onoribo SPLITGERBER 684 H. L. B. 901, 52—196
(fl. March); WULLSCHLÄGEL 832.

Surinam HOSTMANN 809.

French Guyana.

CLIBADIUM Linn

Clibadium surinamense Linn Mant. 294.

Lower Marowynne River, near Albina: WENT 436 (fl. Oct.), VERSTEEG
1 (fl. July) and 548 (fl. July)

Gomni River VERSTEEG 127 (fl. Aug.)

Lower Surinam River, near Jagtlust: WENT 58 (fl. Aug.).

Paramaribo SPLITGERBER 174 H. L. B. 900, 228—463 (fl. Nov.);
KEGEL 44 (fl. June)

Paradistrict VERSTEEG 484 (fl. June), near Post-Republiek: TULLEKEN
244 H. L. B. 903, 322—1421 (fl. Aug.)

Lower Saramacca River, near Santigron: WENT 204 (fl. Aug.), near
Mindrinetti: PULLE 41 (fl. Nov.).

Surinam. WEIGELT named *Bailliera aspera* Aubl.; HOSTMANN 647,
HOSTMANN H. L. B. 903, 322—66

Vernacular name: "Kocnamie".

Tropical America, often cultivated.

ICHTHYOTHERE Mart

Ichthyothere Cunabi Mart in Buchn. Repert. Pharm. 1830 p. 195

Surinam HOSTMANN 1290.

Tropical Brazil, British Guyana, Venezuela

MELAMPODIUM Linn.

Melampodium camphoratum (Linn. f.) Baker Flora Bras. VI. 3 161

Unxia camphorata Linn. f. Suppl. 368.

Tapanahoni River. VERSTEEG 731 (fl. Aug.).

Cottica district, near Post-Oranjewoud: FOCKE 681 (fl. Oct.); FOCKE
110 H. L. B. 900, 361—56

Surinam River, near Joden Savanne KEGEL 1122 (fl. Nov.), KEGEL
167 H. L. B. 903, 322—1251 (fl. Aug.).

Para district, near Post-Republiek TULLEKEN 227 H. L. B. 903, 322—
1437 (fl. Aug.), near Onoribo. SPLITGERBER 662 H. L. B. 900, 361—54
(fl. March).

Surinam: KAPPLER 1399

Vernacular name: "Kamfer-bladeren"

Northern Brazil, Guyana.

ACANTHOSPERMUM Schrank.

Acanthospermum xanthioides D. C. Prodr. V. 521

Lower Marowyne River, near Albina WENT 443 (fl. Octob.); VERSTEEG 45 (fl. July); VERSTEEG 542 (fl. July).

Saramacca River, near Saron KEGEL 221 (fl. May).

Surinam: HOSTMANN 1023, WULLSCHLAGEL 303

All tropical America.

PARTHENIUM Linn.

Parthenium hysterophorus Linn. Spec. plant. 1402.

Lower Nickerie River: FOCKE 499 (fl. May)

All tropical America.

AMBROSIA Linn

Ambrosia microcephala D. C. Prodr. V. p. 527

Surinam WULLSCHLAGEL ex Baker l. c. 149.

Brazil, Guyana

ECLIPTA Linn

Eclipta alba (Linn.) Hassk. Plant. Jav. rar. 528.

Verbesina alba Linn. Spec. plant. 1272

Marowyne River: VERSTEEG 42 (fl. Aug.).

Gonini River VERSTEEG 128 (fl. Aug.).

Tapanahoni River VERSTEEG 692 (fl. July).

Lower Surinam River, near Jagtlust. WENT 45 (fl. Aug.).

Pamaribo SPLITGERBER 274 H. L. B. 900, 256—389 (fl. Dec.); WENT 333 (fl. Oct.), TULLEKEN 71 H. L. B. 903, 322—1347 (fl. July);

TULLEKEN 124 H. L. B. 903, 322—1478 (fl. Aug.).

Surinam River, near plant. Domburg TULLEKEN 263 H. L. B. 903, 322—1159 (fl. Aug.)

Lower Saramacca River, near Groningen. WENT 233 (fl. Aug.); near Maripaston: PULLE 5 and 75 (fl. Nov.).

Upper Saramacca River. PULLE 407 (fl. Jan.)

Surinam: HOSTMANN H. L. B. 903, 322—317.

Vernacular name 'Loso wiwirie' or 'Louisa wiwirie'

All tropical countries.

WULFFIA Neck.

Wulffia stenoglossa D. C. Prodr. V. 563.

Lower Marowyne River, near Albina. VERSTEEG 28 (fl. July).

Lower Surinam River, near Jagtlust WENT 52 (fl. Aug.).

Paramaribo. SPLITGERBER 55 H. L. B. 901, 99—185 (fl. Nov.); KEGEL 88 (fl. July), named *Wulfia capitata* Schultz-bip. Linnaea XXI p. 246, BOON 1008 (fl. Aug.); TULLEKEN 23 H. L. B. 903, 322—1496 (fl. July), FOCKE 286 (fl. Jan.)

Lower Saramacca River, near Groningen: WENT 243 (fl. Aug.); near Mindrinetti: PULLE 37 (fl. Nov.).

Upper Saramacca River: PULLE 187 (fl. Jan.)

Surinam FOCKE 665, 968 named *Wulfia elongata* Mig. Stirp. Surin. Select 193; HOSTMANN 335 and 705; WULLSCHLAGEL 292; HOSTMANN H. L. B. 903, 322—27

All tropical America.

ELEUTHERANTHERA Poit

Eleutheranthera ruderalis (Sw) Schultz-bip. in Botan. Zeitung 1866 p. 165

Melampodium ruderale Sw. Fl. Ind. Occ. 1372

Cottica River, near plant. Badenstein SPLITGERBER 784 H. L. B. 900, 258—161 (fl. Apr.).

Paramaribo. KEGEL 392 (fl. Aug.), named *Kegeha ruderalis* Schultz-bip. Linnaea XXI. p. 245; WENT 313 (fl. Aug.).

Tropical South-America

VERBESINA Linn

Verbesina alata Linn. Spec. plant. 1270

Surinam, acc. to Baker l. c. 216

West-Indian Islands

SPILANTHES Linn.

Spilanthes Acmella Linn. Syst. Veg. 610.

Surinam: HOSTMANN 319; KEGEL 816 (fl. May).

All tropical countries.

SYNEDRELLA Gärtn.

Synedrella nodiflora Gärtn. Fr. II. p. 456 t. 171

Marowynne River: KAPPLER (coll. 1861) H. L. B. 903, 322—414

Paramaribo SPLITGERBER 11 H. L. B. 901, 89—435 (fl. Nov.), KEGEL 393 (fl. July), WENT 20 (fl. July).

Nickerie TULLEKEN 309 H. L. B. 903, 322—1044 (fl. Sept.).

Surinam: FOCKE 1163; HOSTMANN H. L. B. 903, 322—319.

All tropical countries.

BIDENS Linn

Bidens pilosus Linn. Spec. plant. 1166.

Lower Surinam River, near plant. Jagtlust: WENT 51 (fl. Aug.).

Paramaribo, near plant. Kwatta: KEGEL 496 (fl. May); TULLEKEN 55
H. L. B. 903, 322—1334 (fl. July),
Surinam. FOCKE 613 and 1261 (fl. May).
All tropical countries.

***Bidens bipinnatus* Linn. Spec. plant 1166.**

Lawa River: VERSTEEG 143 (fl. Aug.).
Lower Surinam River, near plant Jagtlust WENT 36 (fl. Aug.).
Paramaribo: SPLITGERBER 7 H. L. B. 900, 143—595 (fl. Nov.); VERSTEEG
565 (fl. June).
Vernacular name. "Toliman" (Versteeg).
All tropical countries.

POROPHYLLUM Vaill.

***Porophyllum ruderales* Cass. Dict XLIII, p. 56**

Surinam. HOSTMANN (coll 1824) in herb Götting; HOSTMANN 418;
HOSTMANN H. L. B. 903, 322—253.
Tropical America.

EMILIA Cass.

***Emilia sonchifolia* (Linn) D. C. Prodr. VI 302.**

***Cacalia sonchifolia* Linn Spec. plant 1169.**

Lower Marowyne River, near Albina: VERSTEEG 16 (fl. July).
Lower Surinam River, near Jagtlust WENT 53 (fl. Aug.).
Paramaribo TULLEKEN 60 H. L. B. 903, 322—1339 (fl. July)
Paradistrict VERSTEEG 470 (fl. June)
Lower Saramacca River WENT 172 (fl. Aug.)
Surinam FOCKE 32, named *Microrhynchus surinamensis* Mig. in
Verslag en Meded. v/h Kon. Ned. Instituut 1842 p 204; HOSTMANN
17 and 489; HOSTMANN H. L. B. 903, 322—30.
All tropical countries.

ERECHTITES Rafin

***Erechtites hieracifolia* (Linn) Rafin in D. C. Prodr VI. 294.**

***Senecio hieracifolius* Linn Spec. plant 1215**

Lower Marowyne River, near Albina: VERSTEEG 19 (fl. July).
Marowyne River: VERSTEEG 455 (fl. Jan)
Paradistrict. VERSTEEG 525 (fl. June).
Upper Saramacca River. PULLE 452 (fl. Febr.).
Surinam HOSTMANN H. L. B. 903, 322—330, WULLSCHLAGEL ex
Baker l. c. 299.

MALPIGHIACEAE*).

MASCAGNIA Bert.

Mascagnia elegans (Juss.) Griseb. Flora Bras XII. 1 p. 95.

Hiraea elegans Juss Monogr p. 549

Paramaribo. KEGEL 829 (fl March), WENT 255 (fl. Aug.).

Surinam FOCKE without number

Tropical Brazil, Peru.

Mascagnia anisopetala (Juss.) Griseb. Linnaea XIII. p. 242.

Hiraea anisopetala Juss in St. Hil. Flora Bras III. 15

Paramaribo: SPLITGERBER 768 H. L. B. 905, 220—24 (fl. March) named

Hiraea rosea Splitg Mss

Upper Saramacca River, near Jacob-kondre PULLE 111 (fl. Dec.).

Tropical Brazil.

HIRAEA Jacq.

Hiraea Blanchetiana Moric. Pl Americ. p. 104 t. 65

Gonini River. VERSTEEG 170 (fl Aug.)

Paramaribo. SPLITGERBER 468 H. L. B. 905, 220—25 (fl. Jan.); SPLIT-

GERBER 242 H. L. B 905, 220—26 (fl. Nov), named *Hiraea guyanensis*

Splitg Mss.; FOCKE 1104, named *Hiraea multiflora* Mig. Stirp.

Surin. Select. p 83; near Kwattaweg: FOCKE 325 and 330; KEGEL

293 (fl Aug.); KEGEL 352; near Poelephantje KEGEL 737 (fl. Febr.),

near plant. Kwatta: KEGEL 804 (fl. Febr.).

Paradistrict, near plant la Rencontre: FOCKE 784; SPLITGERBER 468a

H. L. B 905, 220—27 (fl May).

Saramacca River FOCKE 317.

Surinam: HOSTMANN 363 and 493; FOCKE 1372

*) By circumstances beyond his control Prof. Niedenzu was delayed in working out this family. This rendered it impossible to assign its proper place to it on page 248 after the Meliaceae. For the same reason Prof Niedenzu has been unable to deal with the genus Tetrapterys, so that it could only be incompletely inserted.

Hiraea fagifolia (D. C.) Juss. Monogr. p. 567.

Banisteria fagifolia D. C. Prodr. 1. p. 590.

Surinam. HOSTMANN 494.

Northern Brazil, Guyana

Hiraea Riedleyana Juss. Monogr. p. 569

Surinam. HOSTMANN 291.

Trinidad

Hiraea Gaudichaudiana Juss. Fl. Bras. mérid. III. p. 6.

Marowynne River. KAPPLER (coll. 1861) H. L. B. 903, 322—444.

Gonini River. VERSTEEG 68 (fl. Aug.).

Tropical Brazil

Hiraea chrysophylla Juss. Monogr. p. 572

Marowynne River. KAPPLER (coll. 1861) H. L. B. 903, 322—441.

Tapanahoni River. VERSTEEG 803 (fl. Aug.).

Commewynne River: SPLITGERBER 511 H. L. B. 905, 220—28 (fl. Jan.);
named *Hiraea discolor* Splitg. Mes; FOCKE 1225 named by Miquel.

Hiraea fulgens Juss. var. β *demerarensis* Juss.

Upper Saramacca River, near Janbasigado. PULLE 193 and 406 (fl. Jan.),

PULLE 436 (fl. Jan.); PULLE 478 (fl. March).

Upper Coppename River. BOON 1075 (fl. Aug.).

Surinam. HOSTMANN 225.

Northern Brazil, Guyana.

Hiraea affinis Miq. Linnaea XIX. p. 133.

Surinam. KAPPLER 1709.

TETRAPTERYS Cav

Tetrapterys mucronata Cav. Diss. p. 434 t. 262

Tapanahoni River. VERSTEEG 716 (fl. July).

Paramaribo. KEGEL 954.

Surinam. HOSTMANN 1142; HOSTMANN H. L. B. 905, 322—181

British Guyana.

Tetrapterys puberula Miq. in Tydschr. Natuurl. Geschied. en Phys. X. p. 85

Lower Surinam River. FOCKE 330 (fl. Sept.)

Tetrapterys calophylla Juss. Monogr. p. 525

Lower Surinam River, near plant. Jagtlust. SPLITGERBER 587 H. L. B.
905, 220—20 and 21 (fl. Febr.).

Paramaribo. WULLSCHLAGEL

Upper Saramacca River. PULLE 229 (fl. March).

Northern Brazil, Guyana

Tetrapterys acutifolia Cav. Diss. p. 433 t. 261.

Gonini River. VERSTEEG 106 (fl. Aug.)

Cottica River FOCKE 682 (fl. Oct)
Guyana.

Tetrapterys fimbripetala Juss Monogr p 544.

Marowyne River KAPPLER (coll 1861) H. L. B. 903, 322--367.

Surinam HOSTMANN 1252.

Guyana.

Tetrapterys surinamensis Miq. Linnaea XVIII p 55

Paramaribo, near Wanicapad. FOCKE 640 (fl. Sept.), FOCKE H. L. B. 905, 320—19

Surinam HOSTMANN H. L. B. 903, 322—95.

Tetrapterys complicata Miq Stürp Surin. Select p. 82.

Gonini River VERSTEEG 224 (fl. Aug.).

Surinam River, near Bergendal FOCKE 1153.

Upper Coppename River BOON 1144 (fl. Sept.); BOON 1222 and 1223 (fl. Octob.).

Upper Nickerie River TULLEKEN 357 H. L. B. 903, 322—1116 (fl. Sept.)

BANISTERIA Linn.

Banisteria lucida L. C. Rich in Act. Soc. hist. nat. Par. I. (1792) p. 109.

Marowyne River KAPPLER ed Hohenacker 1900 (fl. Aug.) named

Heteropterys hirsaeoides Miq. in sched. and *Banisteria polita* Miq.

Stürp. Surin. Select. p. 80 t. 21; near Albina WULLSCHLÄGEL 1387;

WULLSCHLÄGEL 54; KAPPLER (coll. 1861) H. L. B. 903, 322—360.

Surinam River, near Cassepoerakreek KEGEL 1182.

Surinam. HOSTMANN and KAPPLER ed Hohenacker 1027, HOSTMANN

(coll. 1824) named *Banisteria lobulata* E. Mey. Nova Acta XII p

813; HOSTMANN H. L. B. 903, 322—52; FOCKE 329 named *Banisteria*

calocarpa Miq. Linnaea XVIII p 53.

Tropical Brazil, Guyana, Porto-Rico.

Banisteria cristata Griseb Linnaea XXII p 16.

Surinam WULLSCHLÄGEL 183 (fl. May)

British Guyana.

HETEROPTERYS Juss.

Heteropterys macrostachya Juss. Monogr p. 450.

forma 1 *oblonga* Ndz. in Arbeiten Botan. Inst. Kgl. Lyc. Hosianum

Braunsb II (1903) p. 29

Marowyne River. KAPPLER ed Hohenacker 1915 (fl. Aug.), named.

Heteropterys apiculata Miq. Stürp. Surin. Select. p. 81, KAPPLER

ed. Hohenacker 1995 (fl. Aug.); WULLSCHLÄGEL 1900

Guyana.

forma 2 *ovata* Ndz 1 c.

Gonini River · VERSTEEG 169 (fl. Aug.)

Lower Coppename River WENT 110 and 145 (fl. Aug.)

Surinam · HOSTMANN 897.

Northern Brazil, Guyana, West-Indies.

***Heteropterys anoptera* Juss Monogr. p. 459.**

var. α . *glandulifera* Ndz 1 c. 48.

Paramaribo · WULLSCHLAGEL 56

Paraguay, Northern and Central Brazil, Venezuela.

***Heteropterys suberosa* Griseb Linnæa XIII p. 229**

var. α . *Lessertiana* (Juss.) Griseb 1 c.

Heteropterys Lessertiana Juss. Monogr p 462

Marowynne River KAPPLER (coll 1861) H L B 903, 322—445

Lawa River. KAPPLER ed. Hohenacker 1710 and 2122.

Surinam River WULLSCHLAGEL 858, near Joden Savanna KEGEL 1184
(fl. Nov.)

Upper Saramacca River PULLE 453 (fl. Febr.) and 494 (fl. March)

Paradistrict: WULLSCHLAGEL 1323

Surinam HOSTMANN 224, HOSTMANN 1107 p. p.

Northern Brazil, Guyana, West-Indies

var. β *Candolleana* (Juss.) Ndz 1 c 51

Heteropterys Candolleana Juss Monogr p 463.

Surinam River, near Bergendal. FOCKE 378 (fl. Sept.)

Upper Saramacca River. PULLE 431 (fl. Jan.).

Surinam. HOSTMANN 1107 p p.

Guyana, Peru, tropical Brazil.

* ***Heteropterys reticulata* (Poir.) Ndz 1 c. 54**

Malpighia reticulata Poir Encycl Suppl IV. 8

Lower Marowynne River, near Albina VERSTEEG 556 (fl. July)

Commewynne River, near plant. Waiampibo. SPLITGERBER 512 H L B.
905, 220—30 and 31 (fl. Jan.)

Paramaribo KEGEL 704 (fl. Febr.).

Saramacca River: WULLSCHLAGEL 916

Surinam HOSTMANN 531; HOSTMANN H. L. B. 903, 322—90

Northern Brazil, Guyana, Columbia.

STIGMATOPHYLLON Juss.

***Stigmatophyllon convolvulifolium* (Cav.) Juss. Monogr. 374**

Banisteria convolvulifolia Cav. Diss. 428 t. 256.

Marowynne River KAPPLER ed. Hohenacker 1899 (fl. Aug.).

Gonini River: VERSTEEG 47 (fl. Aug.)

Tapanahoni River: VERSTEEG 861 (fl. Sept.).

Paramaribo · KEGEL 126 (fl. July)
 Coppename River. BOON 1048 and 1104 (fl. Aug.-Sept).
 Surinam HOSTMANN 146 and 706, WULLSCHLAGEL 914.
 Northern Brazil, Guyana, West-Indies

Stigmatophyllon fulgens (Lam.) Juss Monogr. p. 370

Banisteria fulgens Lam. ex Cav. Diss p 426 t. 253.

Upper Cottica River · FOCKE 683 (fl. Oct) named *Stigmatophyllon hypoleucum* Miq Linnaea XVIII p 51

Lower Saramacca River, near Mindrinetti: PULLE 34 (fl. Nov.).

Surinam HOSTMANN 1029, WULLSCHLAGEL 53

Northern Brazil, Guyana.

Stigmatophyllon latifolium Bth in Hook. Lond. Journ of Bot. VII. p. 128

Surinam. HOSTMANN ex Bth. l c

Stigmatophyllon puberum (Rich.) Juss. Monogr. p. 376.

Banisteria pubera Rich Cat plant. Lebl in Act Soc Hist Nat. Par.

Cottica River: FOCKE 715 (fl. Oct)

Paramaribo SPLITGERBER 129 H. L. B. 905, 220—43 (fl. Nov.) named

Banisteria Meyeri Splitg. Mss

Surinam HOSTMANN 803 and 965; HOSTMANN H. L. B 903, 322—3,

WULLSCHLAGEL 52, FOCKE 554

Northern Brazil, Guyana, West-Indies.

Stigmatophyllon ovatum (Cav.) Ndz. in Index lection Lyc. Reg Hos.

Brunsb. 1900 p. 31.

Banisteria ovata Cav. Diss IX. p. 429 t. 257

Brachypterys borealis Juss. Mon p. 356.

Matappica River: FOCKE 275 (fl Dec.)

Lower Commewyne River, near plant. Nyd en Spyt: TULLEKEN 136

H. L. B. 903, 322—1382 (fl Aug.)

Paramaribo TULLEKEN 19 H. L. B. 903, 322—1492 (fl. July), WENT 5

(fl July); WENT 337 (fl. Oct.), WENT 569 (fl. Jan)

Para district · VERSTEEG 465 (fl June).

Surinam SPLITGERBER 12 H. L. B 905, 220—42 (fl. Nov.); named *Banis-*

teria riparia Splitg Mss.; HOSTMANN 178; HOSTMANN H. L. B. 903, 322—14.

Northern Brazil, Guyana, West-Indies.

SPACHEA Juss

Spachea elegans (G. F. W Mey) Juss in Lessert. Icon. III p. 19 t. 31.

Malpighia elegans G F W. Mey. Prim Flor. Esseq. p. 178.

Commewyne River, near plant. Waiampibo SPLITGERBER 510 H. L. B.

905, 220—36 (fl Jan.).

Upper Saramacca River, near Mount Janbasigado. PULLE 160 (fl. Jan.).

Surinam: HOSTMANN 57 and 1043.
Guyana, West-Indies.

MALPIGHIA Linn

Malpighia puniceifolia Linn Spec. plant Ed II p. 609.

Surinam: SPLITGERBER 482 H. L. B. 905, 229—22 (fl. Febr.), WULLSCHLÄGEL 913.

Cultivated, vernacular name "Kersenboom"

Northern South-America, West-Indies.

BUNCHOSIA Rich.

Bunchosia glandulifera (Jacq.) H B K Nov. Gen. et Spec. V. p. 154

Malpighia glandulifera Jacq. Coll IV p. 207.

Paramaribo: SPLITGERBER 998 H. L. B. 905, 220—41 (fl. May)

Surinam: FOCKE 1258 named *Bunchosia hypoleuca* Muq. Stirp. Surin Select p. 77.

Venezuela, West-Indies.

Bunchosia nitida (Jacq.) Rich in Ann Mus. Hist nat. Par XVIII p. 481.

Malpighia nitida Jacq Stirp Am p. 136

Lower Surinam River, near plant Jagtlust SPLITGERBER 401 H. L. B. 905, 205—39 and 40 (fl. Dec).

West-Indies.

BYRSONIMA Rich. et Juss.

Byrsonima spicata (Cav.) Rich. ex Juss Monogr p. 294

Malpighia spicata Cav. Diss p. 409 t. 237.

Surinam River, near Joden Savanne: KEGEL 1147 (fl. Nov.); TULLEKEN 166 H. L. B. 903, 322—1250 (fl. Aug).

Paradistrict. SPLITGERBER 991 H. L. B. 905, 229—34 (fl. March); near Onoribo. FOCKE 876 (fl. March), near Berlyn WULLSCHLÄGEL 48

Surinam. HOSTMANN 1009 named *Byrsonima Hostmanni* Bth. in Hook Journ. of Bot. VII p. 120, ROLANDER; WULLSCHLÄGEL 40, 49 and 50 Northern Brazil, Guyana Columbia, Venezuela, West-Indies.

Byrsonima crassifolia (Linn.) H. B. K. Nov. Gen. et Spec. V. p. 151.

Malpighia crassifolia Linn. Spec. plant. 426

var. α . *typica* Ndz. in Arb. Bot. Inst. Lyc. Hos. I (1901) p. 16

Paradistrict, near Savanne Kompas WENT 366 (fl. Sept.).

Surinam River, near Joden Savanne: FOCKE 348 (fl. Oct.).

var. β . *cinerea* Ndz. l. c. 17.

Paradistrict near plant. Berlyn: SPLITGERBER 725 H. L. B. 905, 220—37 (fl. March); near Onoribo: WULLSCHLÄGEL 46.

Surinam River: FOCKE 233 (fl. Nov.), near Joden Savanne: KEGEL 1146 (fl. Nov.); WULLSCHLÄGEL 47.

Surinam: HOSTMANN 126 and 810

Northern South-America, West-Indies

Byrsonima cydoniifolia Juss Flora Bras m^{er}. III p 77.

Upper Surinam River. HOSTMANN and KAPPLER ed Hohenacker 1296
pp. named by Steud. *Byrsonima verbascifolia* D C

Tropical Brazil.

Byrsonima verbascifolia (Linn.) Rich. ex Juss Monogr. p. 280.

Malpighia verbascifolia Linn Spec plant 426

var. β **villosa** Griseb.

Upper Surinam River HOSTMANN and KAPPLER ed. Hohenacker 1296 p p.

Tropical Brazil, Guyana, West-Indies

Byrsonima obversa Miq Stirp Surin. Select p. 76.

Tapanahoni River. VERSTEEG 682 (fl. July)

Lower Coppename River: WENT 143 (fl Aug.).

Surinam HOSTMANN 665

French Guyana.

JUBELINA Juss.

Jubelina rosea (Miq.) Ndz

Hiraea rosea Miq Stirp Surin. Select. pg. 84.

Tapanahoni River. VERSTEEG 720 (fl. Aug.).

Marowayne River: KAPPLER ed. Hohenacker 1807 (fl. Aug.)

In the following summary of the distribution of species the first column indicates the number of species, known for Surinam of each order. The second column indicates the number of endemic species; the third the number of species, known for Surinam and at the same time occurring in French Guyana, the fourth the same for British Guyana, the fifth the same for the Amazon district; the sixth the same for the other parts of the American continent, the seventh the same for the West-Indian Islands, the eighth the same for other parts of the world

ORDER	Surinam.	Endemic.	French Guyana	British Guyana	Amazon district	Other part of the continent	West-Indian Islands	Other parts of the world
Hymenophyllaceae . . .	18	0	10	12	15	9	8	0
Cyatheaceae . . .	6	0	5	4	6	2	2	0
Polypodiaceae . . .	78	2	66	67	65	58	56	13
Parkeriaceae . . .	1	0	1	1	1	1	1	1
Gleicheniaceae . . .	1	0	1	1	1	1	1	0
Schizaeaceae . . .	9	0	8	8	9	6	5	0
Salvinaceae . . .	2	0	2	2	2	2	2	1
Marattiaceae . . .	2	1	1	1	0	0	0	0
Ophioglossaceae . . .	2	0	2	2	2	2	1	1
Lycopodiaceae . . .	5	0	5	5	5	5	5	2
Selaginellaceae . . .	6	2	4	4	2	2	1	0
Alismataceae . . .	3	0	3	3	3	3	1	0
Butomaceae . . .	1	0	1	1	1	1	1	0
Hydrocharitaceae . . .	2	0	2	2	2	1	1	0
Gramina . . .	103	11	64	57	79	69	37	9
Cyperaceae . . .	76	5	56	58	61	60	53	25
Palmae . . .	26	2	20	20	22	15	4	2
Cyclanthaceae . . .	3	0	2	2	2	2	0	0
Araceae . . .	39	12	13	10	16	12	8	1

ORDER	Surinam	Endemic	French Guyana.	British Guyana.	Amazon district	Other part of the continent.	West-Indian Islands	Other parts of the world
Lemnaceae	2	0	2	2	2	2	2	2
Majacaceae	1	0	0	1	0	0	0	0
Xyridaceae	5	2	1	1	3	2	1	0
Eriocaulaceae	10	2	6	5	6	7	1	0
Rapateaceae	3	0	3	3	1	0	0	0
Bromeliaceae	27	2	15	10	13	11	11	0
Commelinaceae	7	0	7	7	7	7	6	2
Pontederiaceae	4	0	4	4	4	4	4	1
Liliaceae	5	1	2	3	3	3	2	1
Haemodoraceae	1	0	1	1	0	0	0	0
Amaryllidaceae	7	1	5	5	6	6	5	0
Dioscoreaceae	4	0	3	2	3	0	0	0
Musaceae	7	0	7	4	7	5	4	1
Zingiberaceae	10	1	4	5	3	4	4	3
Cannaceae	2	0	2	2	2	2	2	0
Marantaceae	20	5	9	8	9	10	4	2
Burmanniaceae	4	0	4	2	4	2	4	0
Orchidaceae	142	33	42	75	60	61	42	1
Piperaceae	45	15	21	16	12	19	12	2
Lacistemaceae	5	0	3	4	2	2	0	0
Ulmaceae	1	0	1	1	1	1	1	0
Moraceae	12	2	4	7	5	4	2	1
Urticaceae	1	0	1	1	1	1	1	1
Proteaceae	1	0	1	1	0	0	0	0
Loranthaceae	19	3	9	10	13	12	7	0
Oleaceae	3	0	3	1	1	1	1	1
Balanophoraceae	1	0	1	1	1	1	0	0
Aristolochiaceae	5	3	1	2	1	1	1	0
Polygonaceae	11	0	8	9	9	7	6	0
Chenopodiaceae	1	0	1	1	1	1	1	1
Amarantaceae	15	1	12	12	14	14	12	6
Batidaceae	1	0	1	1	1	1	1	1
Phytolaccaceae	2	0	2	2	2	2	2	1
Nyctaginaceae	7	0	1	1	4	5	2	1
Aizoaceae	2	0	2	2	2	2	2	1
Portulacaceae	3	0	2	2	3	3	2	1
Caryophyllaceae	2	0	2	2	2	2	2	2
Nymphaeaceae	4	0	4	4	4	4	2	0
Anonaceae	20	5	6	8	8	7	3	0
Myristicaceae	3	0	3	2	2	2	1	0
Menispermaceae	9	2	6	4	4	2	2	1
Monimiaceae	4	0	4	1	1	1	2	0
Lauraceae	22	5	14	14	8	10	9	3

ORDER.	Surinam	Endemic.	French Guyana	British Guyana	Amazon district	Other part of the continent	West-Indian Islands.	Other parts of the world.
Hernandiaceae	1	0	1	0	1	0	0	0
Papaveraceae	1	0	1	1	1	1	1	0
Cruciferae	2	1	1	1	1	1	1	1
Capparidaceae	9	1	7	7	6	7	6	1
Moringaceae	1	0	1	1	1	1	1	1
Podostemaceae	6	2	2	3	0	0	0	0
Crassulaceae	1	0	1	1	1	1	1	1
Rosaceae	19	5	9	11	9	5	3	2
Connaraceae	4	1	2	1	1	1	0	0
Mimosoideae	56	7	34	33	37	34	21	7
Caesalpinoideae	65	9	40	35	38	28	19	11
Papilionatae	92	4	70	71	71	66	51	27
Oxalidaceae	3	0	0	1	0	0	0	2
Humiriaceae	2	1	0	1	0	0	0	0
Erythroxylaceae	7	1	3	3	5	2	0	0
Zygophyllaceae	1	0	1	1	1	1	1	0
Rutaceae	6	0	5	3	4	3	3	1
Simarubaceae	3	0	2	2	2	0	1	0
Burseraceae	7	2	3	3	3	1	1	0
Meliaceae	17	3	7	7	6	6	5	2
Malpighiaceae	36	6	19	20	20	13	14	0
Trigonaceae	1	0	1	1	0	0	0	0
Vochysiaceae	4	1	2	2	1	1	0	0
Polygalaceae	17	1	12	12	9	9	4	0
Dichapetalaceae	1	0	1	0	1	0	0	0
Euphorbiaceae	54	3	41	42	46	41	28	5
Anacardiaceae	5	0	5	5	5	5	5	4
Aquifoliaceae	2	0	1	1	1	0	0	0
Celastraceae	4	3	1	1	0	0	0	0
Hippocrateaceae	5	2	1	3	3	1	1	0
Icacinaeae	1	1	0	0	0	0	0	0
Sapindaceae	25	2	20	16	13	9	9	4
Rhamnaceae	1	0	0	0	0	1	0	0
Vitaceae	4	0	2	3	2	4	3	0
Elaeocarpaceae	4	1	3	1	1	0	0	0
Tiliaceae	6	0	5	3	5	5	4	0
Malvaceae	35	3	20	24	25	27	22	19
Bombacaceae	4	0	4	3	3	0	1	1
Sterculiaceae	13	1	9	10	9	6	3	1
Dilleniaceae	12	2	8	4	8	6	4	0
Ochnaceae	8	1	6	3	5	2	1	1
Caryocaraceae	1	0	1	1	1	1	1	0
Marcgraviaceae	3	0	3	2	3	2	2	0

ORDER	Surinam.	Endemic.	French Guyana	British Guyana.	Amazon district.	Other part of the continent	West-Indian Islands	Other parts of the world.
Quinnaceae	1	0	1	0	0	0	0	0
Theaceae	3	0	2	0	1	2	0	0
Guttiferae	16	2	11	12	9	5	3	1
Bixaceae	1	0	1	1	1	1	1	0
Cochlospermaceae	2	2	0	0	0	0	0	0
Violaceae	8	0	8	7	8	6	2	0
Flacourtiaceae	15	3	9	10	9	10	6	0
Turneraceae	6	0	4	5	3	5	3	0
Passifloraceae	16	3	7	9	8	8	6	1
Caricaceae	1	0	1	1	1	1	1	1
Begoniaceae	1	0	1	1	0	1	1	0
Cactaceae	8	1	3	4	6	5	5	2
Lythraceae	5	0	2	2	3	2	1	2
Punicaceae	1	0	1	1	1	1	1	1
Lecythidaceae	16	7	8	3	1	0	0	0
Rhizophoraceae	2	0	2	2	1	1	1	0
Myrtaceae	32	14	11	12	11	8	4	3
Combretaceae	12	0	12	11	12	10	8	4
Melastomataceae	85	9	56	47	49	35	35	0
Onagraceae	9	0	8	9	9	8	7	3
Umbelliferae	2	0	2	2	2	2	2	1
Myrsinaceae	8	4	3	3	2	2	2	0
Theophrastaceae	1	0	1	0	1	1	0	0
Plumbaginaceae	2	0	1	1	1	1	1	1
Sapotaceae	7	0	4	4	5	2	3	1
Ebenaceae	1	0	1	1	0	0	0	0
Symplocaceae	1	0	1	1	1	0	1	0
Styracaceae	1	0	1	1	0	0	0	0
Loganiaceae	4	0	4	3	4	2	1	0
Gentianaceae	21	7	12	10	12	10	3	0
Apocynaceae	33	6	21	19	19	16	9	2
Asclepiadaceae	16	5	2	7	6	5	1	1
Convolvulaceae	35	8	21	22	22	19	18	7
Hydrophyllaceae	2	1	1	1	1	1	1	0
Borraginaceae	14	1	7	8	2	4	5	1
Verbenaceae	30	2	20	18	19	20	19	5
Labiatae	9	0	9	9	9	9	9	2
Solanaceae	28	5	20	15	17	14	12	2
Scrophulariaceae	16	2	12	13	12	12	7	3
Lentibulariaceae	12	5	2	3	4	4	1	0
Gesneriaceae	6	2	3	1	1	1	2	0
Bignoniaceae	40	8	15	10	22	19	6	2
Pedaliaceae	1	0	1	1	1	1	1	1

ORDER	Surinam	Endemic.	French Guyana.	British Guyana.	Amazon district.	Other part of the continent.	West-Indian Islands.	Other parts of the world
Acanthaceae . . .	30	2	11	11	15	14	6	4
Plantaginaceae . . .	1	0	1	1	1	1	1	1
Rubiaceae	70	4	47	40	40	35	24	11
Campanulaceae . . .	1	0	1	1	1	1	1	0
Cucurbitaceae. . . .	30	3	13	18	17	18	8	7
Compositae	47	5	37	37	39	40	33	10
Total	2101	293	1273	1250	1287	1136	832	262
		14%	60,6%	59,5%	61,8%	54%	39,5%	12,4%

Phytogeographical remarks.

The Climate.

Reliable data about the climate of Surinam are only known for the littoral part. About the climate of the interior all sorts of conjectures can be found in various works, but they are not based on any reliable series of observations on temperature and rainfall. Observations made at Paramaribo during the years 1868—1898 give the following average temperatures for the different months of the year.

	7 A. M.	2 P. M.	9 P. M.	Max.	Min
January	24.5	27.6	25.2	30.4	20.8
February	24.6	27.6	25.2	30.5	20.4
March	25.1	28.2	25.6	31.0	20.8
April	25.5	28.4	25.8	31.3	21.3
May	25.5	28.5	25.7	32.0	21.9
June	25.4	28.9	25.8	32.3	22.0
July	25.4	29.6	25.8	32.6	21.6
August	25.8	30.3	26.3	33.5	21.9
September	25.9	30.8	26.7	33.9	22.0
October	25.8	30.7	26.7	34.0	21.6
November	25.5	29.9	26.3	33.4	21.6
December	24.7	28.4	25.6	32.1	20.6
The year	25.3	29.1	25.9	32.3	21.4

From these numbers we see that the temperature is remarkably equal

Yet these figures may not be taken as normal for the whole country. The interior which is covered with primitive forest is much cooler. Continued series of observations on the temperature of the interior have not been published, as far as I know.

Also the rainfall is pretty equally distributed over the year, as may appear from the following figures.

Observations made at Paramaribo during the years 1847—1854, 1864—1892, 1897, 1899—1901

	m. m.	%
January	239.5	10.30
February	181.8	7.82
March	214.7	9.23
April	221.0	9.50
May	316.6	13.61
June	290.0	12.47
July	221.3	9.51
August	146.5	6.30
September	74.9	3.22
October	67.8	2.91
November	124.8	5.37
December	227.1	9.70
Total	2326.1	

That a very great number of observations is necessary in this case for obtaining a sufficiently accurate mean value, appears from the fact that the rainfall at Paramaribo during the first half year for 1902 was as follows:

	m. m.
January	182.4
February	558.3
March	222.3
April	522.4
May	252.4
June	406.6
Total	2144.4 m.m.

Whereas the average rainfall in the first six months of the year is only 1463.6 mm.

The average number of rainy days is 204 annually, so that an eventual dry period will never last long.

From the figures for the rainfall it appears that on the average there are two maxima every year, namely in Dec.—Jan. (the so called minor wet period) and in May—June (the so-called major wet period). Further 2 minima

a year, namely in Febr—March (the minor dry period) and in Sept—Oct (the major dry period). Since the winds at the coast are almost without exception. N. E. — S. E., the occurrence of these maxima and minima is not easy to explain. The damp north-east trade-wind, coming from the sea, causes this rainfall. In the dry half-year July—Dec the wind has a more south-easterly direction, in the wet half year January—July a more north-easterly West winds are rare and generally prevail for a few hours only. Since the country is flat to a very great distance from the coast, the rain falls very unequally and only in local showers, except during the wet period.

About the rainfall in the interior nothing is known with certainty It is affirmed that the minor wet and dry periods are not observed there. But my own observations during the months Nov—April 1902—1903 do not confirm this statement The dry and wet periods which I noted during this time at a distance of to 70 to 230 kilometres from the coast show exactly the same data of rainfall and drought as the simultaneous observations at Paramaribo. It is possible that in the month of November, when the rainfall in Surinam generally increases again and the so-called minor wet period begins, the showers during this month do not penetrate very far inland. This is confirmed by the fact that although the month of November 1902 showed at Paramaribo a rainfall far above the normal amount, yet the water in the river continued to fall during the whole month.

A marked dry period is perhaps only found in the part of Surinam, situated S. W. of the Wilhelmina-mountains, which range intercepts on its N. E. side the rain of the sea-wind and so makes a more strongly marked dry period possible for this part

Of the neighbouring colonies French Guyana has a climate which resembles that of Surinam In Cayenne with an average yearly rainfall of 3011 mm two maxima can be distinguished, in January (361 mm.) and in May (489 mm.) The minimum falls in September (28 mm.) but of a second minimum nothing can be detected. At Georgetown in British Guyana with an average yearly rainfall of 2138 mm the agreement with Paramaribo is greater still. Here the major maximum falls in June (303 mm.), a minimum in October (60 mm.), a second maximum in December (277 mm.) and a second minimum in February (124 mm.) The whole littoral margin of Guyana presents the same image of the rainfall under the influence of the continuously blowing damp N. E. trade-wind The interior of British Guyana, viz. the part south of 4° northern latitude and west of 59° western longitude, has a long dry period through the influence of the mountains N. E. of this region The rainy period begins here in the beginning of Ma. and ends in August According to Schomburgk 1880 mm of rain falls during this period To the N. W. this region is continued into the interior country of the Orinoco, perhaps it also extends, as was remarked above, into the still very incompletely known S. W. part of Surinam But the climate of the

known part of Surinam agrees much more with that of French Guyana and the lower course of the Amazon; it is chiefly distinguished by the very regular distribution of rainfall and temperature over the whole year.

Plant formations and vegetation zones.

The littoral part of Surinam is formed by an alluvial strip of land, rising from the sea with a very gentle slope. In the eastern part of the colony this strip is much narrower than in the western, on the Marowine it reaches a breadth of 26 kilometres, on the Surinam river of 63, on the Saramacca of 79, on the Coppenam of 70 and on the Nickerie of 85 kilometres. This alluvium has been formed partly by the sea, partly by the rivers, but the border between the two is not everywhere known and seems to have a very irregular course. The nearly bare mud banks which extend far into the sea, especially near the mouths of the rivers, pass on the side of the land into a typical mangrove vegetation, chiefly consisting of *Rhizophora Mangle* and *Avicennia nitida*, mixed with *Conocarpus erectus*, *Bucida Buceras*, *Laguncularia racemosa* and *Acrostichum aureum*. As far as can be judged from the little material collected of this part, it may be assumed that this vegetation is practically equal to that of all low shores of northern South America.

The alluvial strip is broken by a number of shell banks, running parallel to the shore and called „schelpgronden” in the colony. They rise for the most part so far above their surroundings that they are not flooded by the tide and as they form a more solid underground, they are overgrown with larger trees which in some places rise above the low vegetation and make a quite different impression from the mangrove. Marshes are found in various places between these shell banks and where the shore is very flat, as is especially the case in the western part of the colony, Coronie, but also more to the east, on the Commewine, trees are altogether absent and are replaced by plains overgrown chiefly with *Cyperaceae*. What circumstances give rise to these formations is unknown still and can only be settled by an accurate investigation in loco.

In the east, on the mouth of the Marowine near Galibi, the mangrove vegetation is lacking and a sandy beach is found.

This region is followed by the greater part of the alluvial strip, namely the part formed by the rivers and where the vegetation is no longer influenced by the seawater. It was already remarked above that the borderline between sea and river alluvium cannot be sharply drawn. This is particularly noticed when going up a Surinamian river. Almost imperceptibly the true mangrove vegetation passes into a freshwater vegetation, but along the rivers the mangrove is found much farther inland than between the rivers. Especially *Avicennia* is found at a great distance from the shore. The low

banks of the river are generally covered here by an extremely dense vegetation and often make it very difficult to enter into the primitive wood as the soil is very marshy. The wood is very rich in lianas, these, in fact, are very common in Surinam and chiefly determine the outward appearance of the vegetation. It is very difficult to give a description of the vegetation of the river banks, since the number of species of which it consists is enormous. Among the most conspicuous plants we may certainly mention *Montrichardia arborescens*, the Mokko Mokko, growing in the water in low, muddy and shallow places and everywhere occupying large spots. The banks are often densely overgrown with *Drepanocarpus lunatus* and *Solanum Juripeba*. These, however, are only found on the concave banks of the bends in the rivers, where the current is strongest and mud is not deposited, on the convex banks *Montrichardia* is found.

Pachira aquatica is conspicuous by its large flowers and *Cacoucia coccinea* by its long bunches of red flowers. The trees along the banks are hung with numerous climbers which often form such a dense curtain that the interior of the wood is entirely hidden from view. Especially *Convolvulaceae* and *Bignoniaceae* are extensively found, of the former family generally *Ipomoea fastigiata*, of the latter especially *Paragonia pyramidata*, but also often *Cydista aequinoctialis*. On the banks are very frequently found *Cissus erosa*, *Cissus sicyoides*, *Aniseia martinicensis* and *Paullinia pinnata*. Among the lower trees and shrubs *Inga ingoides* occupies a first place, frequently mixed with *Mabea*.

Among the higher trees *Ceriba pentandra* is most conspicuous, the sometimes leafless top of which rises above all other trees. In the blooming period especially *Triplaris surinamensis* and *Vochysia tetraphylla* draw our attention, while everywhere the white little stems of species of *Cecropia* jut out from the edge of the primitive wood and often their small white crown hangs over the water. Palms should be mentioned here in the first place, at any rate for their number. While in low spots in the east of the colony *Mauritia flexuosa* is most frequent, this plant occupies a quite secondary place along the other rivers. On these latter *Manicaria saccifera* is certainly the most common palm near the shore, but higher up the rivers it soon disappears and is replaced by the very common and extremely elegant *Euterpe oleracea*. But also species of *Astrocaryum* and of *Bactris* occupy an important place.

Among the epiphytes orchids are little conspicuous. As a rule they are small and among the larger species only *Jonopsis paniculata* is somewhat commoner on the lower rivers. Greater is the impression made by the *Bromeliaceae*, especially by the species of *Aechmea*, but also *Tillandsia usneoides* is very conspicuous, although it is not by any means so common as in some other parts of America.

Herbs on the banks can only be seen, of course, when the water is low. On the sand-banks *Heliotropium filiforme* and species of *Phyllanthus*

are found in large numbers and occasionally *Conobea aquatica* and *Bacopa aquatica*.

In those places where the banks are very low and consequently the wood is under water for a great part of the year, the trees are much smaller. Such plains grown with low trees and shrubs can extend to large distances from the river

The border of wood along the river is generally very broad, but its breadth has been accurately determined in a few places only by cutting roads from one river to another. In the southern part of the alluvial strip the older stone formations reach the surface in some places. The stone has undergone at its surface a peculiar process of decay by which the soil has become unfit for the germination of the seeds of large trees. Besides the porosity of this soil which causes a relative drought in some periods of the year, the abundant rainfall has dissolved and removed a great part of the salts wanted by plants, so that great sterility is another cause by which the growth of trees is prevented. These plains which as a rule are situated somewhat higher than the surrounding alluvium, so that in the wet season they are not flooded and consequently the river does not deposit mud on them, are generally called „savannahs” in the colony, although the climate makes it evident that from the point of view of plant geography they differ very much from the true savannahs in the south of British Guyana and from the Campos of Brazil. That here only the above mentioned influence of the soil can be the agent is sufficiently proved by their small extent and by the fact that they are entirely enclosed by wood.

The best known of these savannahs are of course those that are situated on a river, as the Joden-savannah and the savannah of the Upper Para river. But also in various expeditions through the country such treeless plains have been repeatedly met with, so that at the present moment it is very difficult to tell what part of the colony is occupied by the savannahs, opinions on this point differ widely. In the east of the colony this region is situated nearer the shore than in the west and one of the savannahs of the Upper Commewine seems even to extend as far as the mouth of the Marowine and there to form the above mentioned sandy beach of Galibi.

Without vegetation these savannahs are only in a few places, according to Kappler. As a rule Gramina and Cyperaceae are strongly developed and form a dense cover between which numerous herbs and low shrubs are found. Among the ferns on them a number of species of *Schizaea* must be mentioned, further species of *Xyris*, *Eriocaulaceae* as *Paepalanthus* and *Syngonanthus*, *Commelina*, *Trema micrantha*, different *Amarantaceae*; among the *Caryophyllaceae* *Drymaria* and *Polycarpaea*, *Anonaceae*, among which especially *Xylopia*, *Mimosa* in different species. Of the genus *Cassia* especially *Cassia cultrifolia*, *C. uniflora*, *C. flexuosa*, *C. glandulosa* and *C. patellaria* are represented, among the *Papilionatae* *Stylosanthes*, *Zornia*, *Desmodium*, *Clitoria*, *Centrosema*, *Calopogonium*, *Dioclea* and *Eriosema*. The *Rutaceae*

Monniera trifolia is very common as well as different species of *Polygala*. Among the Euphorbiaceae the genera *Caperomia* and *Euphorbia* must be especially mentioned; among the Malvaceae *Malachra* and *Pavonia*, among the Sterculiaceae *Melochia* and *Waltheria*, among the Ochnaceae *Sauvagesia*; among the Turneraceae *Turnera* and *Piriqueta*. A very important part is occupied by the Melastomataceae. Of these especially the genera *Pterolepis*, *Tibouchina*, *Comolia*, *Acisanthera*, *Desmoscelis* and some *Miconias* draw our attention by their generally small but elegant flowers. Also Gentianaceae are represented in many specimens, especially the genera *Coutoubea* and *Schultesia*, and of the Loganiaceae a few species of *Spigelia*. Some species of *Solanum* rise above the lower herbs, while in some savannahs on the Upper Para river and near Bergendal *Amasonia erecta* colours the whole plain red by its purple bracts. The Rubiaceae are represented by numerous specimens of *Mitracarpus frigidus* and by a number of species of *Borreria* and *Diodia*. Compositae on the other hand are very scarce.

Occasionally small groups of big shrubs and low trees grow on the savannah, especially *Curatella americana* is noticed everywhere, but also different Myrtaceae and species of *Clusia* form these thickets. In these Tetracera, numerous Malpighiaceae and some species of *Adenocalymna* swing themselves. In July, after the great wet season the number of blooming plants in such savannahs is very great and offer the botanist a much richer harvest than the primitive wood.

Towards the south this little accidented territory passes into a low mountainous country of chiefly archaical origin in which granite occupies a very important place. Together with this the appearance of the river soon changes. The irregularly rising bed causes rapids and waterfalls, between which numerous, mostly densely overgrown greater and smaller islands stick out. At the same time representatives of the curious family of Podostomaceae are found on the boulders in the strong current. Predominant of these is *Mourera fluviatilis* which at high water develops below the surface and in July and August, when the water falls, raises its pink bunches of flowers above the level of the water. In October and November, when the rocks are entirely denuded, the vegetative parts are found dried out, the fruits spring open and spread their extremely fine seeds between the fissures of the rock where they germinate under water when the wet season sets in again. Besides *Mourera* a number of much smaller and less conspicuous forms occur. The larger the islands in the rivers, the bigger the trees that grow on them. On the smallest islets which are regularly flooded in the rainy time, one finds on small quantities of silted down sand as a rule some spare specimens of Cyperaceae. If the current does not become too strong, shrublike species of *Solanum* are often found and *Psidium polycarpon*. If the islands are somewhat larger and higher, species of *Cecropia* are very common. Low trees, generally having a xerophilous habit under

the influence of the peculiar soil are predominant, e. g. species of *Clusia*. Through the strong light epiphytes are much more common here than along the river banks in the alluvial part. Especially Orchids (*Epidendrum oncioides* and *Rodriguezia secunda*) are very numerous; also Bromeliaceae and *Rhipsalis* are noticed. Along the banks of the Saramacca *Jacaranda filicifolia* bloomed in Nov. 1903 in many specimens, which plant is an ornament to vegetation by its almost leafless crown, entirely covered with blue flowers, and by its white stem. Remarkable is the very general presence of *Eperua falcata* and *Eperua rubiginosa* whose long-stemmed pods reach almost to the water. Since the soil is much drier here *Euterpe oleracea* is absent; palms remain common along the bank, however, but especially species of *Bactris* predominate. Where the river forms larger basins and the water flows more slowly, *Montrichardia* appears again, but remains very rare since the proper muddy soil is only rarely found. In such places riparian herbs are very common. Whole fields of *Jussieua* mixed with *Dalechampia* are repeatedly met with. Close to the water stand *Hibiscus bifurcatus* and *Calonyction speciosum* between which *Aniseia martinicensis* and *Phaseolus campestris* wind upwards. Neither are climbing plants wanting. Especially Bignoniaceae draw our attention again by their vividly coloured flowers, while among the large lianas *Norantea guyanensis* deserves mentioning, whose bunches of orange-red honey-cups contrast strongly with the green.

Although a botanist may pretty easily form an idea of the systematic constitution of the vegetation of this part of the river, this becomes very different as soon as one penetrates into the primitive wood. On the whole the woods in this part are not dense. The soil is grown with species of *Selaginella* and *Hymenophyllum*, but shrubs and larger herbs are almost entirely lacking. A great number of stems of all degrees of thickness are found here. Between the big stems with a diameter of several metres are spread the seedlings of only a few decimetres height which are furnished with a few leaves only, make a very poor impression and perish again after a short time through lack of light. The big stems stand in many places at a fairly great distance from each other and with their crowns hardly in touch, so that the wood is not dark at all although direct sunlight penetrates in a few spots only. In some places the wood is somewhat more difficult to pass; where a tree has recently felled and so a speck of light has been formed, various plants have developed in great abundance and obstruct the passage. On the whole fallen trees are very numerous on this soil, of course on account of the hard subsoil which does not permit the roots to penetrate far into the ground. Here also palms form a chief constituent of the vegetation, especially species of *Astrocaryum* and *Bactris* and also lianas, such as *Bauhinia*, are extremely numerous, while occasionally the air-roots of epiphytical Araceae hang down like cables. That it is chiefly lack of light that prevents the development of underwood, is proved by the fact that this latter is much more strongly developed in places where the

trees are often cut, as in the neighbourhood of bushnegro villages, where the wood is often entirely impassable. Another result is that the woods, seen from the river, give the impression of being much denser than is really the case.

The extremely damp atmosphere which always prevails, fosters strongly the growth of epiphytical ferns as species of *Trichomanes* and *Polypodium*. Other epiphytes are much less numerous, however. *Orchidaceae* are only in exceptional cases found so near the bottom that they can be captured and also *Araceae* and *Bromeliaceae* inhabit only the highest branches of the trees. On the other hand *Codonanthe calcarata* is pretty often noticed, it serves as a dwelling place for ants here, in the same way as is described for the Amazon district by Ule. Where the soil is very damp, saprophytes are rather frequent. Especially *Voyrias* and the representatives of the related genera *Leiphaimos* and *Voyriella* attain a great development, also the *Burmanniaceae* and *Helosis guyanensis*.

To form an idea of the systematic constitution of the wood is a matter of extreme difficulty. As is well known of all rainwoods of tropical America, the trees have only a very short blooming period, occurring with long intervals. The result is that one very seldom meets a tree in bloom. Although this circumstance is aggravated by the fact that from below the flowers are often unnoticed, yet it is certain that their number is small, of which fact one is easily convinced by looking at the tops of the trees from a mountain. The few flowers seen on such an occasion must on closer examination often be ascribed to epiphytes. Since moreover the trees only bloom when they have reached a considerable size, it is clear that only cutting can give information. Climbing is mostly impossible on account of the smoothness of the stem.

Among the biggest specimens met, a number of species of *Tecoma* must be mentioned first, of which *Tecoma Leucoxylon* occupies the first place. *Ceiba pentandra* here also draws our attention by its size, while *Mimusops Balata* is very general in some places. Species of *Lecythis* and *Eschweilera* play an important part, *Couratari guyanensis* is also often remarked. The leaves are on the whole rather small and leathery, the stems smooth and often white, of which *Martusia parvifolia* is a good instance. Stems with strutting roots are also often met with. Tree-ferns, *Alsophila* and *Hemitelia*, are found, but they are not common. On the light spots of the primitive wood *Heliconia* and *Costus* are often frequent, the former of which is also very common in the primitive wood on the lower rivers. Different species of *Psychotria* and *Uragoga* are conspicuous by their coloured inflorescence and bracts. *Bertiera guyanensis* already becomes somewhat larger and *Xiphidium coeruleum* is especially common in the dampest places. Specimens of *Miconia* and *Clidemia* are commonly met with.

This primitive wood, as far as is known, covers the whole country without interruption as far as the southern border, even the higher tops

reaching 1100 metres, are covered with it. To what extent the wood changes its constitution at this height, is unknown. It has been noticed that on the high tops the trees are lower than on the plain, but extensive descriptions are entirely lacking. Bare tops are very rare. Among these may be mentioned the Voltzberg on the Coppenam and some tops on the Litanie and Tapanahoni, e. g. the Knopaiamoi and the Teeboe. Here it is the composition of the soil that prevents the growth of trees. Such bare tops are often overgrown with Bromeliaceae (Plate I) of which *Pitcairnia nuda* seems to be one of the commonest. This plant was already noticed by Kappler in 1861 when ascending the "Piton Vidal", as appears from his description of that expedition. In 1903 and 1905 it was found in great masses in the same place and also on the bare tops on the Upper Tapanahoni river by Versteeg. *Portulaca pilosa* seems to occur commonly here also, as well as *Manihot utilisima* which was found in these places entirely wild, as well by Kappler as by Versteeg. From fissures in the rocks in which the roots of large plants may develop, species of the genus *Clusia* rise very frequently, while the often entirely leafless crowns of *Cochlospermum*, covered with bright yellow flowers, are visible at a great distance. Groups of *Cocos flexuosa* are noticed in many places, while *Cecropia* here also is very numerous.

Whereas most Surinamian rivers from their source to their lower course flow through a river-bed which slopes strongly and irregularly and so form waterfalls and rapids throughout their upper course, this is not the case with the Coppenam R. and the Saramacca R. The upper course of these rivers is situated in a valley, consisting of alluvium in which the rivers have dug out a narrow but often very deep bed, so that their banks are in many places high and steep. On this soil the primitive wood often has another appearance, which is caused not so much by the trees as by the enormous quantities of *Geonoma* which here cover the ground. Since the river is mostly very narrow here and consequently little light penetrates into the wood, the banks bear little vegetation, so that one may notice without difficulty that here also the trees are at relatively great distances from each other. The appearance of the river becomes quite different in places where the banks are low and often flooded. Here high trees become quite secondary and a dense wood of shrubs, chiefly *Inga*, covers the soil; in such places the river is often quite obstructed by the growths and one has with great difficulty to cut a passage from the boat. Characteristic of the marshy soil are the grouplets of *Mauritia flexuosa*, of *Euterpe oleracea* and of *Ireartea exorrhiza* which occur again everywhere. Blooming plants are abundant here. The purple *Passiflora coccinea* and the blue *Solanum pensile* climb upwards in the low shrubs. A spare *Hymenaea* raises its crown far above the low vegetation and occasionally one meets extensive plains with species of *Guadua*, resembling *Bambae*. Where the bank becomes a little higher again, *Oenocarpus* is noticed; big, shrublike

Miconias are very common and *Vitex multiflora* throws its blue flowers on the water, while in March the yellow fruits of *Spondias lutea* swim down the river in large number. Also herbs occupy a first place here, among which *Noisettia orchidiflora* and species of *Aciotis*.

This description of the vegetation is founded for the greater part on observations by the present author during his journey along the Saramacca R. But also different works on Surinam have been used, of which may be mentioned Kappler's "Surinam" and Martin's "Bericht über eine Reise nach Niederländisch West-Indien und darauf gegründete Studien," while of course the study of the various collections formed the base for the enumeration of the species, constituting the different types of vegetation

Distribution of the species and comparison with neighbouring districts.

From the list at the end of the systematic part it appears that a total number of 2101 vascular plants from Surinam are known. When estimating the value of this figure one has in the first place to ask to what extent it represents the number of species actually occurring in Surinam. It is not easy to answer this question. The list of species known from British Guyana up to 1848 in the third part of Schomburgk's "Reisen in Britisch Guyana", the "Catalogue des plantes de la Guyane française" of Sagot and Martius' *Flora Brasiliensis* form the material for comparison by means of which one may try to answer this question. Schomburgk enumerates nearly 3500 vascular plants, which number has been materially increased, however, by later additions from the collections of Jenman and others. The number of plants enumerated by Sagot is smaller than that known for Surinam. The number of species of the Amazon region, on the other hand, is much larger (the exact number is unknown to me, but it certainly is many times 2101). Now there are of course two factors causing these differences, firstly the greater or smaller number of species of the neighbouring districts and secondly the more or less accurate knowledge of the flora. The first factor is certainly the most important when comparing the Surinamian flora with that of British Guyana. This latter country, namely, offers a much greater variety of sites to the vegetation. High mountains and extensive savannahs which do not occur in Surinam must cause the number of species to increase so considerably that British Guyana will always greatly surpass Surinam in wealth of the flora. But also the more accurate knowledge of the flora is a factor which must not be underrated. A traveller like Schomburgk who crossed the country in all directions for 3 or 4 years will naturally collect many more species than the numerous collectors who visited Surinam for a relatively short time only. For the latter were mostly entirely unacquainted with the flora and always began again with the commonest plants. Schomburgk however, became thoroughly acquainted with the flora during his

long stay in the colony and seldom collected a species already found.

In regard to French Guyana I believe that the second factor has the greatest influence, namely that the flora is less known. For this country has certainly been much less visited by collectors than Surinam. This appears best of all from the figure for the Orchidaceae. Of the 142 orchids known in Surinam, 42 also occur in French Guyana and 75 in British Guyana. Now, since the orchids are the family to which collectors as a rule pay most attention, we may safely infer that the flora of French Guyana is much less known than that of Surinam since it cannot be assumed that French Guyana should be so much poorer in orchids than the adjoining districts.

When making a comparison with the Amazon region both factors make themselves perhaps equally felt in the differences between the numbers of species. Especially the much greater extent of this region must lead necessarily to a greater wealth of species, but also the collections have been made on a much larger scale and the travellers have as a rule stayed much longer.

Looking at the total figures one sees that of the 2101 species known in Surinam 1273 or 60.6 % are also known for French Guyana, 1250 or 59.5 % also for British Guyana and 1287 or 61.3 % also for the Amazon district. Hence if it is true that the flora of British Guyana is much better known than that of Surinam, that of French Guyana less well known, it follows that the systematic constitution of the flora of Surinam has more resemblance with that of French than with that of British Guyana. But one thing must not be lost sight of, namely that there has been more collected in the east of Surinam than in the west and although it has not been proved at all that the flora of the east differs from that of the west, yet it is striking that from the Marowine, the Gonnim and the Tapanahoni so many plants have become known which until now had only been found in French Guyana.

The number of endemic species is no less than 293 or 14 %, a percentage which will probably be increased by a monographic treatment of the different families. In this respect Surinam consequently agrees entirely with Guyana and the Amazon district, where also the number of endemic species is so uncommonly large. Remarkable is the very limited distribution which such endemic plants have. From the systematic part it will be seen that many of these species have been found twice or more, but nearly always in very neighbouring places, e. g. along the same river.

These species nearly always belong to the vegetation of the primitive wood which is in complete agreement with the fact that wood plants generally have far fewer means of spreading their seeds than the plants of the savannah and other small growths occurring in open places, along roads, etc. In this respect the flora of the Surinamian savannahs presents nothing peculiar. Nearly all the plants, especially the herbs, are inhabitants of the whole of tropical America, as well as the great majority

of the plants growing alongside the roads in the environs of Paramaribo. These also belong to the best known part of the vegetation, since collecting them presents no special difficulties. The matter is very different for the large trees. It was stated above that felling a tree is as a rule the only way to get to know its name. Only rarely a collector has an opportunity of doing this. Only foresters who stay for a long time in the woods and accurately notice the moment the tree begins to bloom and who moreover have sufficient labourers at their disposal, can make important contributions to the knowledge of the Surinamian wood-tree flora and it is only quite recently that such an investigation has been started in Surinam. Although the greater part of the material was received too late to allow its being incorporated into the systematic part of this work, yet a cursory examination has shown that the specimens received consist for the greater part of species that are as yet unknown for Surinam. There is still another circumstance, which makes conditions in this respect unfavourable in Surinam. Whereas in the neighbouring colonies one can avail himself of the excellent botanical knowledge of the Indians who distinguish the species well, so that by means of a vocabulary and an Indian one may form in a short time a good idea of the systematic constitution of the primitive wood, this means fails in Surinam by the scarcity of the Indian population there, so that one has to seek information with the bush-negroes who nearly always know plants and animals equally badly. (On this point see also page 12).

If we now examine the distribution of the species over the different orders, the Leguminosae are certainly at the top with 213 species, which is over ten percent of the total number. But among these there are many especially among the Papilionatae, that have been cultivated and also occur in other parts of the world. The number of endemic species is proportionally largest among the Caesalpinoideae which are for the greater part trees.

Of the large orders the next in number of species, is that of the Orchidaceae, with 142 species; this family is at the same time one of the best known of Surinam. It is remarkable by the large number of endemic species (33 or 23%). As a rule they belong to the species with small flowers. Large and brilliantly coloured flowers that are so common in Venezuela, occupy a quite secondary place here.

Grasses and Cyperaceae with respectively 103 and 76 species are for the greater part savannah plants and otherwise play no important part in the vegetation. Melastomataceae are represented with 85 species and are also for the greater part inhabitants of the savannah. Vascular cryptogamia occur in 130 species of which 78 are Polypodiaceae, they of course belong chiefly to the epiphytes and the wood flora. The number of endemic species is very small, which of course is a consequence of the ease with which they spread.

The number of Rubiaceae amounts only to 70. This number must be

assumed to be far too small, on account of the great difficulty of distinguishing the species in some groups, for which reason a number of species were not dealt with and left out in the systematic part, while by the great uniformity of the flowers specific differences often escape the attention of the collector. The Rubiaceae certainly form a much more important part of the vegetation than is expressed by this figure.

The Euphorbiaceae also belong to the large orders. The 54 species mentioned will probably not give an exact idea of their occurrence compared with other orders. Of this the smallness of the flowers is probably the cause, so that many specimens are not noticed by the collectors.

The Piperaceae with 45 species belong partly to the wood plants (Piper), partly to the epiphytes (Peperomia). Here also the number of endemic species is extremely large.

The Compositae with 47 species are very meagrely represented, taking into account the number of known species of this family, a phenomenon which is met with, however, in the whole lower part of the South-American tropical continent.

The Bignoniaceae with 40 species, of which 8 are endemic, are mostly high climbers, inhabiting the edge of the primitive wood. Not a small number occur in savannahs, however. As trees (Tecoma) they play a much less important part in the vegetation. Also the Convolvulaceae are mostly riparian plants, sometimes high climbers (Ipomoea, Maripa), sometimes low climbers (Aniseia). Also of this family some species inhabit dry spots. The Malvaceae are only exceptionally inhabitants of the wood. Some species of Hibiscus occur preferably in very wet places along the river banks. Most species, however, are true savannah plants or occur on open spots, along roads, etc.

A rather important place is occupied by the Apocynaceae. About their occurrence little general can be said, for they are as well trees, as climbers, while no small part of them occurs as shrubs in the primitive wood.

The Araceae draw our attention by the large number known in Surinam (39), among which no less than 12 endemic ones.

On the other hand one is struck by the small number of Myrtaceae. Here also, as was the case with the Rubiaceae, this must be ascribed to the great mutual resemblance of the flowers and to the difficulty of determining the specimens. They occur especially as low trees in savannahs and along the rivers.

Of the Lauraceae only 22 species are known in Surinam, a number which certainly is far too small. They are mostly large trees and to this circumstance their being so little known must be principally ascribed. Besides the great uniformity of the flowers makes that only completely collected specimens can be determined with certainty.

The Palms which occupy such an important place in the vegetation, are rather conspicuous by the large number of the specimens than by the

number of species. Probably continued study of the flora will increase this number, but here also the difficulty of collecting complete material, is a factor which must be taken into account.

Of the smaller orders are conspicuous by the large number of endemic species. Marantaceae with 5 out of 20; Aristolochiaceae with 3 out of 5, Anonaceae with 5 out of 20; Lauraceae with 5 out of 22, Rosaceae with 5 out of 19; Lecithydaceae with 7 out of 16, Myrsinaceae with 4 out of 8, Gentianaceae with 7 out of 21; Asclepediaceae with 5 out of 16, Lentibulariaceae with 5 out of 12

Very small is the number of Podostemaceae compared with that known for British Guyana. Of the 6 known species 2 are endemic (and new). This small number is probably caused by the difficulties attending the collection of these inhabitants of the water. Finally comparing the percentage constitution of the flora according to the orders with that which is given by Schomburgk, we find the following result.

	Surinam.	Br Guyana		Surinam	Br. Guyana
Leguminosae . .	10 %	11 %	Compositae .	2,2 %	3 %
Orchidaceae . .	7 %	6 %	Euphorbiaceae .	2,6 %	2—3 %
Ferns . . .	6,3 %	6—7 %	Piperaceae .	2,2 %	2 %
Melastomataceae	4 %	4 %	Apocynaceae . .	1,6 %	2 %
Gramina . .	5 %	3 %	Myrtaceae . .	1,6 %	2 %
Cyperaceae . .	3,7 %	3—4 %	Palmae	1,2 %	1—2 %
Rubiaceae . .	3,4 %	5 %			

The agreement is fairly satisfactory. The greatest deviation is shown by the Gramina which in Surinam occupy 5 % of the number of species and in British Guyana only 3 %. But we must take into account that in 1848 when Schomburgk's list was published, grasses were much less known than nowadays, so that a new treatment of the representatives of this order in British Guyana would probably considerably increase the number of species. On the whole the age of Schomburgk's list is a factor which must be taken into account and which may cause the agreement in the percentage constitution to be more accidental than real.

Another conclusion which might be drawn from this comparison is that it is not the savannahs of British Guyana which make the flora so much richer in species than that of Surinam. For the orders that play an im-

portant part as savannah plants (Cyperaceae, Melastomataceae) are represented in the flora with the same percentage as in Surinam

To make comparisons with French Guyana is impossible with the present state of our knowledge of the flora of that country. Sagot's "Catalogue" is far too incomplete for this purpose. But what we know about that country from books of travel makes it very probable that it has a great resemblance with Surinam.

From what precedes it appears that a thorough comparison of Guyana with the Amazon district is impossible on account of our insufficient knowledge of the primitive wood of Guyana. Yet in my opinion the climatic as well as the botanic data indicate that the representation of Martius, who limits the Hylaea to about 1° north. lat., as is also done by Grisebach on the map of his "Vegetation der Erde", is not in accordance with the facts. On the contrary, I think it probable that, barring the littoral district, the Hylaea must be represented as extending over the greater part of French Guyana and Surinam. In the latter country it grows narrower by the influence of the Wilhelmina range which extends to the north-west, and is then continued as a narrow strip north of the mountains of British Guyana where it gradually passes into the type of the primitive woods on the Orinoco.

The accuracy of this supposition can only be proved by a continued botanical and geographical investigation, as well of Surinam as of the neighbouring regions

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(exclusively systematic).

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Explanation of plates.

- Pl I. **Pitcairnia nuda** Baker ; fruit-bearing specimens on the slope of the Mount Kassikassima, Tapanahoni River (From a photograph by G M. Versteeg). (Pg. 90).
- Pl. II. **Ischnosiphon violaceus** Pulle The figure on the right: Habit $\times \frac{1}{10}$. The figure on the left $\times \frac{1}{5}$ (Pg. 111).
- Pl. III. **Monotagma surinamense** Pulle. $\times \frac{1}{3}$. (Pg. 112.)
- Pl. IV. **Vanilla marowynensis** Pulle. Flowering specimen $\times \frac{2}{3}$ Flower $\times \frac{9}{10}$. (Pg. 118).
- Pl. V. **Phoradendron surinamense** Pulle. Flowering specimen. Natural size. On the right Inflorescence $\times 3$. (Pg) 155).
- Pl VI. **Oenone guyanensis** Pulle. Leaf and flowering branch $\times \frac{1}{2}$ Flower $\times 7$. (Pg. 193)
- Pl. VII. **Oenone guyanensis** Pulle. Specimens in the Granda-foetoe-falls, Tapanahoni River (From a photograph by G M Versteeg). (Pg. 193)
- Pl. VIII **Lophogyne capillacea** Pulle. Leaf and flowering branch, natural size. Flower $\times 7$ (Pg 194).
- Pl IX. **Mourera fluviatilis** Aubl. Flowering specimens in the Maboga rapids, Tapanahoni River. From a photograph by G M Versteeg. (Pg 194).
- Pl. X **Palovea riparia** Pulle Flowering specimen $\times \frac{5}{6}$. (Pg 212).
- Pl. XI. **Bauhinia Versteegii** Pulle. Flowering specimen $\times \frac{2}{3}$. (Pg. 213).
- Pl XII. **Sloanea Kappleria** a Pulle Flowering specimen $\times \frac{2}{3}$ Fruit $\times \frac{1}{3}$. Part of the inflorescence $\times 3$
- Pl. XIII. **Cochlospermum Wentii** Pulle Inflorescence, flower, leaf and fruit $\times \frac{2}{3}$ Seed natural size. (Pg. 310).

- Pl. XIV. fig 1 **Passiflora glaucophylla** Pulle. Flower $\times \frac{2}{3}$ (Pg. 323).
fig 2 **Passiflora glaucophylla** Pulle. Flower Longitudinal section,
natural size (Pg. 328).
fig. 3. **Passiflora oblongifolia** Pulle. Flower, longitudinal section,
natural size. (Pg. 321).
- Pl XV **Passiflora glaucophylla** Pulle. Flowering specimen $\times \frac{2}{3}$. (Pg. 323)
- Pl. XVI **Pacourea guyanensis** Aubl. Flowering specimen $\times \frac{1}{2}$, Flower $\times 3$.
Calyx $\times 2$. (Pg. 379)
- Pl XVII. **Bassovia sylvatica** Aubl. Flowering specimen $\times \frac{1}{2}$. Part of the
inflorescence $\times 3$ (p. 411).
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List of the vernacular names.

Abrasa	<i>Clusia grandiflora</i> Splitg
Advocaat	<i>Persea gratissima</i> Gärtn
Agoema	<i>Solanum oleraceum</i> Rich
Akaja	<i>Pedicellaria pentaphylla</i> (L.) Schrank.
Amandelboom	<i>Terminalia Catappa</i> Linn
Anoura	<i>Allamanda Cathartica</i> Linn.
Anijsblad	<i>Heckeria peltata</i> (L.) Kunth
Apra	<i>Chrysophyllum Cainito</i> Linn.
Aratta kaka pepre	<i>Capsicum frutescens</i> Linn.
Arpawana	<i>Gustavia augusta</i> Linn
Arrow-root	<i>Maranta arundinacea</i> Linn
Asitjona	<i>Tephrosia toxicaria</i> Pers.
Asmatoe pimpin	<i>Pariana lunata</i> Nees
Awaja	<i>Protium heptaphyllum</i> (Aubl.) March
Awarra	<i>Astrocaryum segregatum</i> Drude
Baboen hoedoe	<i>Viola surinamensis</i> Warb.
Baboen mispel	<i>Henriettea succosa</i> D C
Baboen-nefi	<i>Paspalum virgatum</i> Linn
Baboen-nefi	<i>Scleria secans</i> (Linn.) Urb.
Bacove	<i>Musa paradisiaca</i> Linn
Bakoeba	<i>Musa paradisiaca</i> Linn
Bamba maka	<i>Desmoncus polyacanthos</i> Mart
Bamboeasi Foetsch	<i>Guadua Tagoara</i> (Nees.) Kth
Bamboesi maka	<i>Desmoncus riparius</i> Spruce
Bana	<i>Musa paradisiaca</i> Linn
Banilla	<i>Vanilla planifolia</i> Andrews
Banirie	<i>Vanilla planifolia</i> Andrews
Basuba Pisie	<i>Ocotea guyanensis</i> Aubl.
Bayboom	<i>Pimenta acris</i> (Sw.) Lindl.
Bébé-hoedoe	<i>Pterocarpus Draco</i> Linn.
Bierie hoedoe	<i>Eperua falcata</i> Aubl.
Bierie hoedoc	<i>Eperua rubiginosa</i> Miq
Birambi	<i>Averrhoa Bilimbi</i> Linn

Bitu wiwirie	<i>Phyllanthus Niruri</i> Linn.
Bittere Cassave	<i>Manihot utilisima</i> Pohl
Bittere djoeka	<i>Mucuna urens</i> (L.) DC
Blaka massoesa	<i>Renalmia occidentalis</i> Sweet
Blaka oema	<i>Cordia Aubletii</i> A. DC
Blaka oema	<i>Cordia graveolens</i> H B. K
Blaka tiki ment	<i>Lippia geminata</i> H B K
Boembi	<i>Tephrosia toxicaria</i> Pers
Boenhati mama	<i>Cissus sicyoides</i> Linn
Boesi aneisie	<i>Piper marginatum</i> Jacq
Bokkolille	<i>Talinum racemosum</i> (L.) Rohrb.
Bolletrie	<i>Mimusops Balata</i> Gartn.
Boonkie	<i>Dolichos Lablab</i> Linn.
Bosch banaan	<i>Ravenala guyanensis</i> Bth.
Bosch cacao	<i>Pachira aquatica</i> Aubl.
Bosch-cachou	<i>Curatella americana</i> Linn
Bosch-kalebas	<i>Couroupita surinamensis</i> Mart
Boschmammi	<i>Clusia nemorosa</i> G. F. W. Mey.
Boschmarmeldoos	<i>Duroia eriopila</i> Linn f
Bosch-papaya	<i>Cecropia</i>
Bosch tamarinde	<i>Macrolobium acaciaefolium</i> Bth
Bosch Zuurzak	<i>Anona sphaerocarpa</i> Splitg.
Bradiliefie	<i>Coccoloba latifolia</i> Lam
Branti maka	<i>Drepanocarpus lunatus</i> G. F. W. Mey
Broodboom	<i>Artocarpus communis</i> Forst.
Bruinhart	<i>Andira inermis</i> H B K
Buirata	<i>Parinarium campestre</i> Aubl
Bijlhout	<i>Eperua falcata</i> Aubl
	<i>Eperua rubiginosa</i> Miq
Ceder	<i>Cedrela odorata</i> Linn
Courali	<i>Tecoma leucoxydon</i> Mart
	<i>Couralia fluvialis</i> Splitg.
Curçaosche Mais	<i>Andropogon Sorghum</i> (Linn) Brot
Djari bita	<i>Phyllanthus diffusus</i> Klotzsch
Donkê	<i>Dieffenbachia Seguin</i> Schott.
Druif	<i>Coccoloba uvifera</i> (Linn) Jacq
Duivels naagaren	<i>Quamoclit vulgaris</i> Choisy.
Faja lobbie	<i>Ixora coccinea</i> Linn
Fibrie wiwirie	<i>Peperomia nummularifolia</i> H B. K.
Fico fico	<i>Costus cylindricus</i> Jacq.
Fime Bitu	<i>Phyllanthus Niruri</i> Linn.
	<i>Phyllanthus diffusus</i> Klotzsch.
Flesch kalebas	<i>Lagenaria vulgaris</i> Ser.
Fransche Barambi	<i>Averrhoa Carambola</i> Linn.

Fransi Mopè .	. Spondias dulcis Forst.
Gado boom .	. Cassia bacillaris Linn. f.
Gado dede .	. Commelina nudiflora Linn
	. Phaeosphenion persicariaefolium Clarke
Gobo Gobo wiwirie .	. Jacaranda filicifolia D. Don
Goebai Jacaranda filicifolia D. Don
Gogomago Phytolacca decandra Linn
Groenhart Tecoma araliacea P. DC
Gunapalu Euphorbia cotinoides Miq
Hawaja Protium heptaphyllum (Aubl.) March
Hoeproë Copaifera guyanensis Desf
Iningo Indigofera Anil Linn
Inje pina Iriarteia exorrhiza Mart
Inje pipa Couratari guyanensis Aubl
Inje sopo Fourcroya gigantea Vent.
Jabba foetoe Caladium bicolor Vent
Jacome Crotalaria stipularia Desv.
Jalimano Cacoucia coccinea Aubl
Jasbita Allamanda Cathartica Linn
Jakoman sirie Crotalaria retusa Linn
Jorka pesi Cassia occidentalis Linn
Jorka okro Hibiscus Abielmoschus Linn
Jurri jurri Thevetia nerifolia Juss
Kalebas Crescentia Cujele Linn
Kamferblad Waltheria americana Linn
Kamferbladeren Melampodium camphoratum (Linn f.) Baker
Kaneelappel Anona squamosa Linn
Kankantrie Ceiba pentandra Gartin
Kapellendoos Pithecoctenium echinatum (Aubl.) K. Schum.
Karagalla Norantea guyanensis Aubl
Kasjoe Anacardium occidentale Linn.
Katjoesi anjalali Marcgravia coriacea Vahl
Keesi keesi kam Pithecoctenium echinatum (Aubl.) K. Schum
Keesi keesi maka Bactris minax Miq
Kersenboom Eugenia uniflora Linn.
Kersenboom Malpighia puniceifolia Linn
Kerstmisbloem Cardiospermum Halicacabum L.
Kienboto Clusia nemorosa G. F. W. Mey
Knippen Melicocca bijuga Linn.
Koemaroe njam njam Mourera fluviatilis Aubl
Koenami Clibadium surinamense Linn.
Koenami Tephrosia toxicaria Pers
Koenaparoë Euphorbia cotinoides Miq.
Koenatjeppi Matayba camptoneura Radlk.

Koesa	<i>Piptadenia suaveolens</i> Miq.
Koesoewee .	<i>Buxa Orellana</i> Linn
Kokorrodè . . .	<i>Heliotropum indicum</i> Linn.
Komboe	<i>Oenocarpus Batava</i> Mart
Koningspalm . . .	<i>Oreodoxa regia</i> H. B. K.
Konsaka wiwirie	<i>Peperomia pellucida</i> H. B. K.
Koorsoe wiwirie .	<i>Lantana Camara</i> Linn.
Kopie	<i>Goupia glabra</i> Aubl
Kowai	<i>Mucuna urens</i> (L.) DC.
Krapata	<i>Ricinus communis</i> Linn
Kraroen	<i>Amarantus Blitum</i> Linn
Krassi-wiwirie	<i>Amarantus Blitum</i> Linn
Krassi wiwirie .	<i>Fleurya aestuans</i> (L.) Gaud
Krekrere	<i>Canna coccinea</i> Art
Kremoto	<i>Miconia macrophylla</i> Triana
Kwalie	<i>Vochysia tetraphylla</i> DC.
Kwassibita	<i>Quassia amara</i> Linn
Kwcebic	<i>Conopia glandulosa</i> Miq
Kwinti	<i>Eryngium foetidum</i> Linn.
Lady slipper .	<i>Stanhopea grandiflora</i> Lindl
Leguana tere .	<i>Acacia paniculata</i> Willd
Lemmetje .	<i>Citrus medica</i> Linn
Lokus	<i>Hymenaea Courbaril</i> Linn.
Loso wiwirie .	<i>Eclipta alba</i> (Linn.) Hassk
Losau wiwirie . . .	<i>Eryngium foetidum</i> Linn.
Louisa wiwirie	<i>Eclipta alba</i> (Linn.) Hassk
Maho	<i>Hibiscus tiliaceus</i> Linn.
Mahoni	<i>Swietenia Mahagoni</i> Linn
Maka kraroen	<i>Amarantus spinosus</i> Linn.
Malva	<i>Waltheria americana</i> Linn.
Mammi,	<i>Mammea americana</i> Linn
Man aneisie wiwirie . . .	<i>Piper geniculatum</i> Swartz
	<i>Piper hirsutum</i> Swartz.
	<i>Piper marginatum</i> Jacq
Man barklak	<i>Eschweilera longipes</i> Miers
Man bita	<i>Phyllanthus orbiculatus</i> L. C. Rich
Mane	<i>Symphonia globulifera</i> Linn
Mangras	<i>Eleusine indica</i> (Linn.) Gärtn.
Manja	<i>Mangifera indica</i> Linn.
Maripa	<i>Maximiliana Maripa</i> Drude.
Marmeldoesje	<i>Randia formosa</i> (Jacq.) K. Schum.
Massoesa	<i>Renealmia exaltata</i> Linn f.
Matakie-hout	<i>Carapa Richardiana</i> Camb.
Matrozendruif	<i>Solanum lanceaefolium</i> Jacq.

Melki wiwirie	<i>Euphorbia thymifolia</i> Burm. <i>Euphorbia adenoptera</i> Bertol.
Melki tetei	<i>Mandevilla scabra</i> (R et S.) K. Schum
Mierenhout	<i>Triplaris surinamensis</i> Cham.
Mispel	<i>Miconia macrophylla</i> Triana <i>Bellucia grossularioides</i> Triana. <i>Loreya mespiloides</i> Miq
Mokko-mokko	<i>Montrichardia arborescens</i> Schott
Mopè	<i>Spondias lutea</i> Linn
Mora	<i>Dimorphandra excelsa</i> (Schomb.) Baill.
Muskus Okro	<i>Hibiscus Abelmoschus</i> Linn
Napi	<i>Dioscorea trifida</i> Linn. f
Nickeri	<i>Caesalpinia Bonducella</i> (L.) Roxb
Ningo	<i>Indigofera Anil</i> Linn
Ningre kondre pepre	<i>Aframomum melegueta</i> K. Schum
Ningre notto	<i>Caryocar glabrum</i> (Aubl.) Pers
Njoe fodoe	<i>Cochlospermum</i> Wentii Pulle
Njoe wintje bobbie	<i>Solanum mammosum</i> Linn
Nopari	<i>Nopalia coccinellifera</i> Salm-Dyck
Oeman aneisi wiwirie	<i>Piper marginatum</i> Jacq
Oeman barklak	<i>Arrabidaea inaequalis</i> (P. DC.) Baill.
Oeman-pinda	<i>Desmodium barbatum</i> (L.) Bth
Okro	<i>Hibiscus esculentus</i> Linn.
Paardengras	<i>Panicum spectabile</i> Nees
Palaloe	<i>Heliconia Bihai</i> Linn.
Palisade	<i>Euterpe oleracea</i> Mart
Palmiet	<i>Oreodoxa regia</i> H. B. K
Para gras	<i>Panicum numidianum</i> Lam
Paramaka	<i>Astrocaryum Paramaca</i> Mart.
Para Markoesar	<i>Passiflora laurifolia</i> Linn.
Parwa	<i>Avicennia nitida</i> Jacq.
Patata tetei	<i>Ipomoea fastigiata</i> Sweet.
Patawa	<i>Oenocarpus Bataua</i> Mart
Pegrekoe	<i>Xylopia frutescens</i> Aubl <i>Xylopia salicifolia</i> Dun
Peperwortelboom	<i>Moringa oleifera</i> Lam
Peru-katoen	<i>Gossypium religiosum</i> Linn
Peto	<i>Dimorphandra excelsa</i> (Schomb.) Baill.
Phoboe	<i>Saxofridericia aculeata</i> Korn.
Pikien fouroe sopo	<i>Peperomia nummularifolia</i> H. B. K
Pimpin	<i>Clusia grandiflora</i> Splitg.
Pina	<i>Euterpe oleracea</i> Mart.
Pinda	<i>Arachis hypogaea</i> Linn
Pingo maka	<i>Astrocaryum sciophilum</i> (Miq.) Pulle

Pinja .	<i>Miconia holosericea</i> Triana
Pinja hoedoe . . .	<i>Vismia cayennensis</i> (L.) Pers
Pipa tikie. . .	<i>Mabea Piriri</i> Aubl
Pisie . . .	<i>Nectandra globosa</i> (Aubl.) Mez
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Pomme de Cythère	<i>Spondias dulcis</i> Forst
Pommeroo . . .	<i>Jambosa vulgaris</i> D. C
Ponsoe . . .	<i>Leonotis nepetaefolia</i> R Br
Popokaitongo . . .	<i>Heliconia psittacorum</i> Linn f
Postelein . . .	<i>Talinum racemosum</i> (L.) Rohrb.
Postentrie . . .	<i>Hura crepitans</i> Linn
Purperhart . . .	<i>Martusia parvifolia</i> Bth
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Redi maka kraroen . . .	<i>Amarantus Bitum</i> Linn.
Roode Walaba . . .	<i>Eperua falcata</i> Aubl
Reseda . . .	<i>Lawsonia inermis</i> Linn.
Rosenkwarie . . .	<i>Parinarium excelsum</i> Sabine
Roucou . . .	<i>Bixa Orellana</i> Linn
Sabana melki wiwirie . . .	<i>Euphorbia pilulifera</i> Linn
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Sikwa . . .	<i>Luffa acutangula</i> Roxb.
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Sneki taja . . .	<i>Dracontium asperum</i> C. Koch
Soldatenthee . . .	<i>Waltheria americana</i> Linn.
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Stinkhout . . .	<i>Gustavia augusta</i> Linn.
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	<i>Inga ingoides</i> Willd.
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Tienje monnie	<i>Protium heptaphyllum</i> (Aubl) March
Toriman	<i>Bidens bipinnatus</i> Linn
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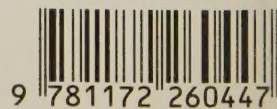
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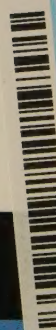
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